ECONOMICS OF FARROW-FINISH HOG PRODUCTION

IN ALBERTA, 1981

BY

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SECTION 1

INTRODUCTION

Background

In the fall of 1980, the production economics branch of Alberta Agriculture initiated a three year study of the economics of hog production in Alberta. The first report based on the 1980 production year was published in August, 1982[1]. Whereas the 1982 report described both farrow-finish and finishing enterprises, this report on the 1981 production year is restricted to farrow-finish enterprises. A separate report is being prepared for finishing enterprises.

Objectives

The main objectives of this study are as follows:

1. To determine the level of investment associated with hog production in Alberta;
2. To determine the different inputs used in hog production and the quantities of these inputs;
3. To determine the costs and returns, as well as the profitability of hog production and the relative productivity of Alberta producers;
4. To provide each study participant with a detailed analysis of his hog operation and to give him the opportunity to compare the performance of his hog enterprise with that of other producers in his region and in the province as a whole.

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[1] C. Ross, Economics of Hog Production in Alberta, 1980, (Edmonton: Alberta Agriculture, August 1982) Agdex 821.11.

Source of Data

Primary data were collected through a field survey of 115 farrow-finish hog producers scattered across the province. The names of these producers were obtained from the Alberta Pork Producers Marketing Board (APPMB), the agency through which hogs are marketed in Alberta.

Secondary data were obtained from statistical reports from Alberta Agriculture and the Annual Livestock Marketing Review published by Agriculture Canada.

Outline of Report

This 1981 report on the economics of farrow-finish hog production in Alberta is divided into seven sections. Section II contains a description of the hog survey, and some characteristics of the hog farms studied. These characteristics include age and farming experience, ownership, farm size and some aspects of herd management. A more detailed description of farrow-finish hog production is given in Section III, followed by an analysis of investment and labour costs in Section IV. Investment costs consist of depreciation and interest costs. Estimated feed and cash costs are presented in Section V followed by a summary of returns and costs in Section VI. Section VII gives the overall summary and conclusion of the 1981 report.

Appendix A provides a detailed inventory of fixed assets and their current market value, and the associated depreciation, interest and operating costs. Appendix B lists the inputs used, input costs, hog returns, and a summary of the productive performance of the hog enterprise.

SECTION II

SURVEY OF HOG PRODUCTION IN ALBERTA

Description of Survey

All producers who provided data for the 1980 production year were invited to participate in the 1981 study. For a variety of reasons, about 25 per cent of those producers did not provide data for the 1981 production year. Study participants were randomly selected from a list of hog producers who sold slaughter hogs through the APPMB in 1980. This stratified random sample allowed for regional and size differences among producers. Additional names were drawn from the APPMB list to bring the 1981 sample up to the desired size. Newly selected producers were contacted by telephone to explain the purpose and benefits of the study, and to solicit their participation. When a producer had agreed to participate in the study, he was contacted by the field staff to schedule the farm call.

A detailed questionnaire was designed to obtain information on the size of the hog enterprise, feed rations and costs, labour use, investment inputs and costs, other costs, production, sales/receipts, financial summary and some characteristics of farrow-finish farms. This questionnaire was the same as that used for the 1980 production year, with the exception of a few minor changes.

From the farm calls, a total of 120 usable questionnaires were processed for the 1981 production year, 10 more than in 1980. Each study participant received a detailed analysis of the capital assets associated with his hog operation, the production inputs, actual production and production costs and returns for his hog operation during the 1981 production year. Ample opportunity was given to participants to correct information recorded in their questionnaires. The final results presented in this report are based on these individual records.

Seven production regions were identified in this study (Figure 1). The sample distribution by production regions is given in Table 1. Most of the increase in sample size over 1980 occurred in Region III (Calgary/ Fort Macleod/Rocky Mt. House) and Region V (Edmonton/Red Deer), where a

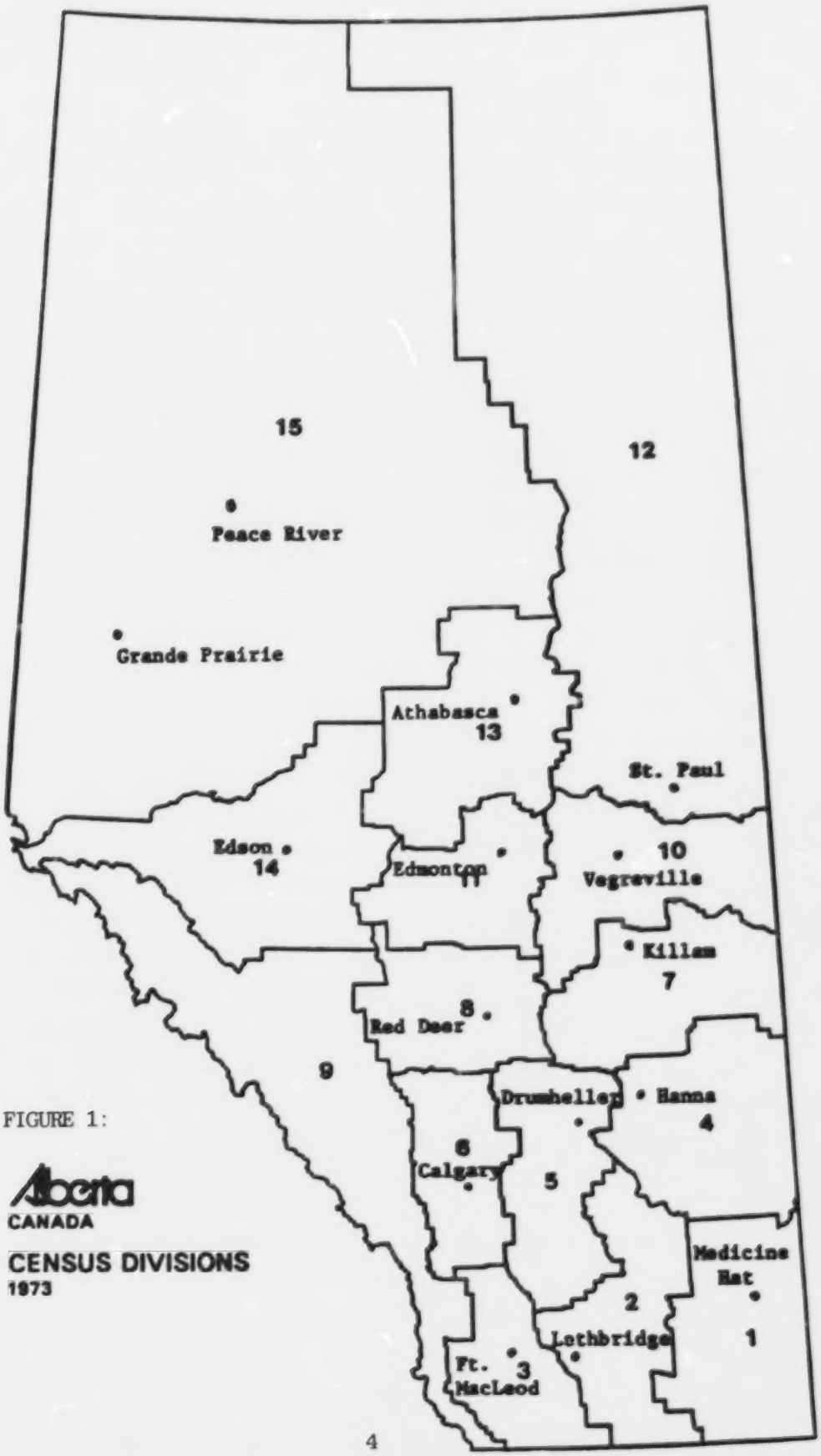

FIGURE 1:

Alberta
CANADA

CENSUS DIVISIONS
1973

special effort was made to increase the number of participants. Approximately 18 per cent of the participants came from each of Regions II, III and VII, 16 per cent from Region V, 12 per cent each from Regions IV and VI, and 7 per cent from Region I. The greatest turnover of study participants occurred in the Peace River Region (Region VII).

The sample distribution by number of slaughter hogs marketed in 1981 is shown in Table 2. The greatest turnover of study participants was found among producers who marketed 200 or fewer hogs.

TABLE 1: DISTRIBUTION OF NUMBER OF STUDY PARTICIPANTS BY REGION, 1981

Region	Census Division	Production Area	No. of Records
I	1, 4	Medicine Hat/Hanna	9
II	2, 5	Lethbridge/Drumheller	21
III	3, 6, 9	Calgary/Ft. Macleod/Rocky Mt. Hse.	22
IV	7, 10	Vegreville/Killam	14
V	8, 11	Edmonton/Red Deer	19
VI	12, 13, 14	Edson/Athabasca/St. Paul	14
VII	15	Peace River	21
ALBERTA			120

TABLE 2: DISTRIBUTION OF NUMBER OF STUDY PARTICIPANTS BY SIZE OF MARKETING, 1981

Size Class	Number of Records
< 50	4
50- 99	6
100- 199	16
200- 499	25
500- 999	27
1000-1499	14
1500-2499	13
≥2500	15
Alberta	120

Some Characteristics of Farrow-finish Farms

Age and Hog Farming Experience

The average age of farrow-finish hog producers who participated in the 1981 survey was 42 years. The average age of hog producers was 39 to 40 years for Regions I and III, 41 years for Regions VI and VII, and 43, 45 and 46 years for Regions II, IV and V, respectively. Operators of farms marketing 1500 to 2499 hogs per year reported an average age of 36 years, with age rising to 39 years on farms marketing 2500 hogs or more, and 48 and 55 years on farms marketing less than 50 hogs and 1000 to 1499 hogs, respectively.

Years of hog farming experience varied from an average of nine years on farms in Region VII to 17-22 years on farms in the three southern regions. On average, operators of larger farrow-finish farms tended to have more hog farming experience than producers on smaller hog farms. Average experience ranged from 14 to 27 years on farms marketing 1000 hogs or more per year compared to 10 to 13 years on farms marketing fewer than 1000 hogs per year. The average hog farming experience reported for the farms studied was 16 years.

Ownership

Almost 63 per cent of the farrow-finish farms studied were listed as proprietorship, 30 per cent as corporations and 8 per cent as partnership. Corporations were more prevalent in southern Alberta than elsewhere in the province, especially on larger farms than on smaller farms. Only farms marketing fewer than 1000 hogs reported any partnership arrangement.

Farm Size

The average acreage farmed by farrow-finish hog producers was 2,183 acres. Eighty-seven per cent of the land was deeded and 13 per cent was

leased or rented. Operators also reported that 73 per cent of their farmland was developed and 27 per cent undeveloped.

The largest acreages were reported in the three southern regions and Region VII. Averag- farm size ranged between 2,913 and 5,543 acres per farm in the south, 1,586 acres in Region VII, and less than 1,000 acres in the other three regions.

There was a direct relationship between the number of hogs marketed and farm size. Farms marketing fewer than 1,000 hogs per year averaged less than 1,000 acres per farm in contrast to larger hog farms which averaged 2,395 to 8,332 acres per farm. Similarly, developed acreage and deeded acreage increased significantly as the size of hog operation increased.

Farrowing System

Eighty per cent of the study participants used a continuous farrowing system while the remaining 20 per cent used a batch farrowing system. Only 60 per cent of the respondents in Region VII used a continuous farrowing system compared to over 90 per cent in Regions III and V, and 77-81 per cent in the other four Regions. The smaller farrow-finish farms (<200 hogs) made significantly less use of a continuous farrowing system than the larger farms; that is, 33 to 50 per cent versus 77 to 100 per cent.

Gilt Selection

Farrow-finish producers replaced 30 per cent of their sows in 1981. The replacement rate was greater on smaller farms (<500 hogs) than on larger farms which averaged about 30 per cent. Eighty per cent of the replacement gilts were recruited from within the hog operation, while 20 per cent were purchased from outside the farm. Farms marketing fewer than 500 hogs per year replaced almost all of their breeding stock from within the farm compared to between 74 and 87 per cent replacement on larger farms. In general, gilts were bred at 29 weeks of age or 215 pounds.

Artificial Insemination (AI)

Fewer than 9 per cent of the farrow-finish operators used AI service. These operators were found mainly in Regions II, III, IV and V. Only some farrow-finish farms marketing 500 to 2,499 hogs per year reported the use of AI service.

Death-Loss

Total death-loss for all of the hogs handled was 15.9 per cent. Preweaning death-loss accounted for about 75 per cent of these losses, while weaner/grower and the breeding herd accounted for 24 per cent and one per cent, respectively.

The main causes of pre-weaning mortality were crushing (43 per cent), scours (27 per cent) and starvation (11 per cent). Other factors mentioned included runts (5 per cent), pneumonia (4 per cent) and other* causes (9 per cent).

Scours accounted for 28 per cent of weaner deaths followed by runts (13 per cent), starvation (11 per cent), pneumonia (9 per cent) and stress (7 per cent). Fighting (21.2 per cent), pneumonia (14 per cent), stress (9 per cent) and heart attack (9 per cent) were the main causes of grower death-loss in 1981. Other causes (41.4 per cent) included crushing, arthritis, and unknown causes.

Restrictions to Size

Farrow-finish operators were requested to list the most critical factors affecting the size of their hog operations. Thirty per cent of the respondents listed labour as a major impediment to the growth of their operations and 26 per cent pointed to the high cost of money and the cost/price squeeze. Lack of farm facilities (buildings) restricted the size of operation on 17 per cent of the farms. Six per cent of the respondents had no interest in expanding the hog enterprise.

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* Include unknown causes.

SECTION III

HOG PRODUCTION AND SIZE OF ENTERPRISE

The breeding herd for the average farrow-finish enterprise studied consisted of 82 sows and 5 boars or about 16 sows per boar. Replacement gilts, 25 in number, accounted for approximately 30 per cent of the sow herd in 1981 (Table 3).

The average number of sows per farm was greater in the south than elsewhere in the province. There were roughly 131 sows per farm in Region II, and 112 to 113 sows per farm in Regions I and III. Region V averaged 76 sows per farm with the remaining three regions averaging between 41 and 46 sows per farm.

Piglets weaned per sow per year was highest in Region I averaging 18 piglets per sow, in contrast to 14.8 piglets per sow in Region VI. Between 16 and 17 piglets per sow were reported in the other five regions. The provincial average was 16.4 piglets per sow per year, compared with 15.7 in 1980. Most producers reported weaning their pigs at four to five weeks of age, giving a provincial average of 33 days.

Piglets were weaned at 5 weeks on farms in Regions VI and VII, and around 4.5 weeks in the other five regions. Weaning ages also declined significantly as the size of farrow-finish farms increased.

Post-weaning death-loss was up in all regions compared with 1980. The average death-loss was just over 3 per cent in Regions I and II and 7.1 per cent in the Peace River area. Death-loss in the remaining regions averaged between four and five per cent. The provincial average of 4.2 per cent was up by 1.3 per cent from 1980.

Farrow-finish farms on study produced on the average almost 1,184 hog equivalents per farm in 1981 or 1,967 hundredweight of dressed pork. (A hog equivalent is simply a hypothetical market hog with the same average dressed hot carcass weight of the hogs actually marketed.) Since the carcass weight varies from farm to farm, the average weight of a hog equivalent will also vary from farm to farm and from region to region.

TABLE 3: SUMMARY OF PRODUCTION FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

	Region							Alberta
	I	II	III	IV	V	VI	VII	
Sows	112.0	131.4	113.4	41.0	76.5	42.0	45.7	82.3
Replace. Gilts	14.8	43.1	32.0	19.3	22.5	19.4	11.8	24.7
Sows/Boars	16.8	16.8	15.5	17.4	17.5	12.7	12.2	15.7
Head Handled	3009.6	3408.7	2596.2	915.6	1786.3	1019.3	1161.1	2018.3
Pglts. Wnd./Sow	18.0	16.0	16.1	16.0	16.8	14.8	17.0	16.4
Wng. Age (days)	32.7	33.7	31.8	32.6	31.8	35.5	35.4	33.3
Death-loss (%)	3.1	3.3	4.7	4.3	3.9	4.6	7.1	4.2
Cwt Live Wt.	3951.3	4219.0	3054.1	1158.6	2143.3	1230.2	1514.8	2488.2
Av Dress %	79.4	78.7	79.9	78.1	79.7	78.2	78.0	79.0
Drs. Wt. Eq. Cwt	3135.5	3318.8	2441.7	905.1	1707.5	961.7	1181.5	1966.9
Lbs Drs. Wt./Hog	162.0	167.4	169.5	163.5	167.5	159.5	163.7	166.2
No. Hog Eq.	1935.3	1982.8	1440.2	553.7	1019.4	603.0	721.6	1183.7
Average Index	103.0	102.5	102.7	101.0	103.3	101.1	101.7	102.5
Feed/lb Drs.	5.0	5.1	5.4	5.3	5.7	6.2	5.6	5.3
Lbs Feed/Hog Eq.	812.1	852.5	909.0	869.5	956.1	988.5	916.4	889.9

Average carcass weight was down from 1980 levels for all regions with the exception of regions III and VII. For example, average carcass weight dropped by eight pounds to 159.5 pounds in Region VI, and by about four pounds in the other four regions. Almost 1,100 finished market hogs were sold per farm averaging 166.2 pounds dressed, a decline of 2.2 pounds from the 1980 average carcass weight.

The dressing out percentage ranged from an average of 78.0 per cent for farms in Region VII, to almost 80 per cent on farms in Region III. The provincial average was 79 per cent, just marginally down from the 1980 provincial estimate of 79.2 per cent.

Production per farm continued to be highest in the south of the province. Region II reported production of 1,983 hog equivalents per farm, corresponding to 3,319 hundredweight of dressed pork. Producers in this region marketed an average of 1,883 finished hogs per farm in 1981. Production per farm in the south ranged from 1,935 hog equivalents in Region I to 1,440 hog equivalents in Region III. At the other extreme, production per farm averaged 554 hog equivalents in Region IV, 603 and 722 in Regions VI and VII respectively, and 1019 hog equivalents in Region V.

The average index was slightly down from 1980 levels in four regions - I, II, III and VI. However, among regions, the index continued to be higher in the south, averaging 102.5 to 103.0, and in Region V where the average index was 103.3. The provincial average fell 0.4 points to 102.5 from 1980 levels.

The average number of sows per farm ranged from about five on farms marketing fewer than 50 finished hogs to 248 sows on farms marketing over 2,499 finished hogs (Table 4). Farrow-finish farms marketing 1,000-1,499 hogs reported 102 sows per farm.

Larger farrow-finish farms tended to wean more pigs per sow than smaller farms. For example, farms marketing 1,000 hogs or more in 1981 weaned between 16 and 17 piglets per sow per year compared with 14 to 15 piglets per sow on farms marketing 50 to 499 hogs. Between 15 to 16 piglets were weaned per sow on the smallest hog farms, as well as for those farms marketing 500 to 999 hogs per year. Since only four producer records were included in the class of fewer than 50 hogs, no conclusion should be drawn from the high weaning rate reported.

TABLE 4: SUMMARY OF PRODUCTION FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

	Size Class								Alberta
	<50	50-99	100-199	200-499	500-999	1000-1499	1500-2499	≥2500	
Sows	5.3	7.5	14.2	29.2	65.7	102.1	143.6	247.7	82.3
Replace. Gilts	2.8	3.7	4.4	12.0	20.5	29.6	42.9	67.9	24.7
Sows/Boars	5.3	6.4	10.1	14.6	17.2	15.9	14.9	16.7	15.7
Head Handled	86.8	163.0	296.8	605.3	1471.6	2319.3	3642.6	6647.3	2018.3
Pglts. Wnd./Sow	16.0	14.1	13.9	14.8	15.3	16.4	17.3	16.9	16.4
Wng. Age (days)	42.8	36.2	35.7	37.1	33.8	32.1	27.1	26.9	33.3
Death-loss (%)	4.0	4.5	7.2	3.8	3.5	2.7	7.6	3.3	4.2
Cwt Live Wt.	107.4	176.7	352.1	699.7	1711.5	2762.7	4291.4	8743.8	2488.2
Av Dress %	78.0	78.0	79.0	78.6	78.5	78.7	79.4	79.3	79.0
Drs. Wt. Eq. Cwt	83.7	137.9	278.1	550.2	1344.0	2174.7	3405.6	6930.8	1966.9
Lbs Drs. Wt./Hog	162.9	161.4	169.7	170.2	167.2	163.0	163.5	167.2	166.2
No. Hog Eq.	51.4	85.4	163.9	323.4	803.6	1334.0	2083.1	4145.8	1183.7
Average Index	98.7	98.8	100.6	101.5	102.6	102.8	102.2	102.7	102.5
Feed/lb Drs.	7.3	7.9	7.5	6.3	5.4	6.1	5.5	4.8	5.3
Lbs Feed/Hog Eq.	1187.5	1283.1	1265.6	1073.4	903.9	992.3	898.8	807.0	889.9

Average weaning age tended to decline as the size of farrow-finish enterprise increased. Weaning age declined from about six weeks on farms marketing fewer than 50 hogs per year to just under four weeks on farms marketing 1,500 hogs or more.

Although farms marketing 1,500 to 2,499 hogs reported the highest post-weaning death-loss of 7.6 per cent, the larger farms tended to have a lower per cent post-weaning death-loss than the smaller farms. If the farms marketing 1,500 to 2,499 hogs per year were to be excluded, post-weaning death-loss would have ranged between 2.7 and 3.3 per cent on the largest farms ($\geqq$ 1000 hogs marketed), to between 3.8 and 7.2 per cent on the smaller farms ($<$ 500 hogs marketed). Farms marketing 1,000 to 1,499 hogs per year had the lowest post-weaning death rate of 2.7 per cent.

Total production climbed steadily from 51 hog equivalents (83.7 hundredweight of dressed pork) on farms marketing fewer than 50 finished hogs to 4,146 hog equivalents (6,930.8 hundredweight of dressed pork) on farms marketing at least 2,500 hogs per year. Farms marketing 1,000 to 1,499 hogs produced just under 1,334 hog equivalents per farm in 1981 or 2,174.7 hundredweight of dressed pork. Dressed pork per hog marketed, which was down from 1980 levels, varied from a low of 161 pounds for farms marketing 50 to 99 hogs, to 170 pounds for farms marketing 100 to 499 hogs. Farrow-finish farms marketing 1,000 to 1,499 hogs had average carcass weights of 163 pounds, down 6.7 pounds from 1980 market weights.

In general the dressing out percentage increased as the size of operation increased. For example, it was 78 per cent on farms marketing fewer than 100 hogs per year, and over 79 per cent on farms marketing at least 1,500 hogs per year.

As production increased so did the average index. The average index rose from less than 99 on farms marketing fewer than 100 hogs to over 102 on farms marketing at least 500 finished hogs per year.

SECTION IV

ANALYSIS OF INVESTMENT AND LABOUR COSTS

Current Market Value of Fixed Assets

The current or 1981 market value of fixed assets associated with the average farrow-finish hog enterprise in Alberta was estimated at $192,378 per farm, up 31.7 per cent over 1980. Sixty per cent of this total investment was allocated to buildings and equipment, 11 per cent to machinery and equipment, and 10 per cent to feed storage and feeding equipment. The breeding herd of 82 sows and five boars was valued at $17,797 or nine per cent of the capital invested in hogs (Table 5).

Regionally, the investment in farrow-finish enterprises was greatest in southern Alberta, reaching $306,241 per farm in Region II, $278,043 in Region I and $250,611 in Region III. Average investment in hogs was $182,671 per farm in Region V, and between $101,000 and $104,000 per farm in Regions IV, VI and VII.

Farrow-finish enterprises which marketed fewer than 200 finished hogs in 1981, reported that the average investment in hogs was less than $37,000 per farm. At the other extreme, the average investment on farms marketing 2500 hogs or more was estimated at $580,744 per farm (Table 6). Average investment was $234,889 on farms annually marketing 1,000 to 1,499 finished hogs, an increase of 19 per cent over 1980.

TABLE 5: CURRENT MARKET VALUE ON FIXED ASSETS FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

Region	Breeding Stock	Building & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
				Dollars			
I	31528	181699	10694	25474	23571	5078	278043
II	28238	217160	8780	25162	22649	4253	306241
III	26572	166464	5199	23417	24613	4345	250611
IV	9130	55083	3225	12370	18125	3352	101285
V	16998	107652	4232	21256	24498	8037	182671
VI	6783	58673	1536	13174	15088	6058	101313
VII	5432	56379	5096	12633	21148	3741	104428
ALBERTA	17797	122964	5484	19281	21897	4956	192379

TABLE 6: CURRENT MARKET VALUE OF FIXED ASSETS FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Breeding Stock	Building & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
				Dollars			
< 50	1108	3420	-	3091	5629	2700	15948
50- 99	1156	6085	175	2299	4192	4990	18897
100- 199	2101	21090	768	3635	6934	2247	36774
200- 499	5021	39550	2055	7789	13851	3346	71612
500- 999	14409	93426	4854	14956	21353	6085	155084
1000-1499	24266	137006	8248	27392	31235	6742	234889
1500-2499	28389	187570	10042	50519	39016	6546	322082
≧2500	56773	426563	14106	38326	39116	5860	580744
ALBERTA	17797	122964	5484	19281	21897	4956	192379

Depreciation

Depreciation was calculated using the straight line method. Salvage value was set at 10 per cent of the current market value.

$$\text{Depreciation} = \frac{\text{Current Market Value - Salvage Value}}{\text{Years Remaining Life}}$$

The average annual depreciation on farrow-finish farms studied in 1981 was $13,405 or about 13 per cent of the total hog investment excluding the breeding stock. Depreciation was highest at $20,792 in Region III, declining to less than $6,000 in Region IV (Table 7).

As expected, the average annual depreciation increased directly as the size of farrow-finish operation increased. Depreciation was under $2,800 per farm on farms marketing fewer than 200 hogs, rising to almost $42,000 per farm on the largest farrow-finish farms (≧2500 hogs marketed). For farms marketing 1,000-1,499 hogs, depreciation amounted to $17,178 per farm or eight per cent of the total investment in hogs excluding the breeding stock (Table 8).

Depreciation is treated as a non-cash cost and is entered as such in the costs and returns tables.

TABLE 7: AVERAGE ANNUAL DEPRECIATION OF FIXED ASSETS FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

Region	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Total
			Dollars		
I	11740.92	919.58	2179.12	2566.84	17406.46
II	12729.82	772.31	1955.38	2406.07	17863.59
III	15438.08	590.68	1512.10	3250.66	20791.54
IV	2989.24	193.27	794.72	1649.65	5626.88
V	6803.74	585.84	1485.12	3211.74	12086.43
VI	3241.15	166.58	1193.07	1915.28	6516.08
VII	4908.19	671.09	1031.45	3255.53	9866.23
ALBERTA	8666.01	573.56	1435.16	2729.95	13404.67

TABLE 8: AVERAGE ANNUAL DEPRECIATION OF FIXED ASSETS FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Total
	- Dollars -				
< 50	820.31	0.54	333.38	633.04	1787.28
50- 99	637.70	31.50	248.26	479.95	1397.42
100- 199	1081.94	80.91	518.20	1091.05	2772.10
200- 499	2271.96	237.52	643.41	1770.37	4923.32
500- 999	5521.17	607.73	1290.27	2627.16	10046.33
1000-1499	10471.59	928.66	1827.71	3949.82	17177.78
1500-2499	12054.93	946.54	2944.74	5589.09	21535.30
≧2500	33396.93	1274.35	3108.12	4475.27	41954.68
ALBERTA	8556.86	564.10	1428.61	2701.31	13270.88

Interest Costs of Fixed Assets

Interest or opportunity costs of fixed assets were calculated on the average value of the assets using a long term interest rate of 15 per cent. Average value was defined as:

$$\text{Average Value} = \frac{\text{Current Market Value} + \text{Salvage Value}}{2}$$

The average interest cost for all farrow-finish enterprises in Alberta was $17,450 per farm, an increase of almost 57 per cent from 1980. Interest costs were highest in the three southern regions which reported the greatest investment in hog production. The average annual interest cost ranged from $22,803 to $27,519 per farm in these three regions declining to less than $9,300 per farm in Regions IV, VI and VII (Table 9). Interest costs for farms in Region V were estimated at $16,815 per farm.

Interest costs increased substantially as the size of the farrow-finish enterprise increased. Average annual interest cost climbed from below $3,400 per farm for farms marketing fewer than 200 hogs per year, to $52,235 per farm where 2500 hogs or more were marketed annually. The estimated interest charge for farms annually marketing 1,000 to 1,499 hogs, was $21,519 per farm (Table 10).

Like depreciation, interest on investment is a non-cash cost and is treated as such in the cost summary.

TABLE 9: AVERAGE ANNUAL INTEREST COSTS OF FIXED ASSETS FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

Region	Breeding Stock	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Handling	Machinery & Other Equipment	Land	Total
				Dollars			
I	4729.17	14990.10	882.22	2101.64	1944.62	761.67	25409.42
II	4235.71	17915.68	785.51	2075.85	1868.54	637.90	27519.20
III	3985.84	13733.38	469.73	1931.87	2030.58	651.77	22803.17
IV	1369.53	4544.31	322.23	1020.53	1495.34	502.80	9254.76
V	2549.76	8881.21	404.18	1753.57	2021.09	1205.53	16815.33
VI	1017.52	4840.53	126.73	1086.87	1244.79	908.65	9225.09
VII	814.77	4651.26	468.29	1042.22	1744.68	561.14	9282.37
ALBERTA	2669.52	10144.53	495.02	1590.63	1806.49	743.42	17449.62

TABLE 10: AVERAGE ANNUAL INTEREST COSTS OF FIXED ASSETS FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Breeding Stock	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
				Dollars			
< 50	166.12	282.17	0	255.06	464.37	405.00	1572.73
50- 99	173.37	502.02	14.44	189.67	345.82	748.55	1973.89
100- 199	351.10	1739.87	66.04	299.93	572.03	337.00	3329.97
200- 499	753.12	3262.87	169.52	642.61	1142.72	501.86	6472.69
500- 999	2161.36	7707.66	440.70	1233.91	1761.63	912.81	14218.07
1000-1499	3639.91	11302.99	728.45	2444.80	2576.87	1011.35	21519.42
1500-2499	4258.33	15474.52	968.68	4467.79	3218.82	981.92	29070.06
≥2500	8516.00	35191.40	1260.18	3161.89	3227.11	878.93	52235.52
ALBERTA	2669.52	10144.53	495.02	1590.63	1806.49	743.42	17449.62

Labour Use and Costs

The principal source of labour on family farms is the operator and his family. As these costs are not usually "out-of-pocket" expenses, their importance to the farming operation is generally overlooked. If any farming business is to survive in the long term, it must generate enough cash returns to enable the farm family to enjoy a reasonable standard of living.

Mainly because of the very harsh winter of 1981, hog producers spent significantly more time running their hog operations than in 1980. The typical farrow-finish enterprise on the study reported 2865 hours of labour in 1981, 43 per cent above that reported in 1980. Sixty-two per cent of the labour came from the operator himself, 26 per cent from the family and 12 per cent from hired help (Table 11). Thirty six per cent of the total labour hours were allocated to feeding and feed preparation, 23 per cent to cleaning and manure disposal, 11 per cent to breeding-/farrowing, and 10 per cent to moving/sorting. Both buying and marketing, and management and records management were each allotted five per cent of total labour hours.

Total labour use varied significantly from region to region. More labour was used on farrow-finish farms in southern Alberta than elsewhere in the province, with the highest being that of 4,123 hours per farm recorded in Region I (Table 12). However, labour use of 1.3 to 1.5 hours per hundredweight of dressed pork produced, was lower on hog farms in the south, compared with 1.6 to 2.0 hours per hundredweight of dressed pork produced on farms in other regions. The sample average was 1.46 hours per hundredweight of dressed pork produced, a 21 per cent increase over 1980.

Although total labour use increased steadily as the size of farrow-finish farms increased, labour productivity on larger farms was substantially greater than on smaller farms (Table 13). Total labour hours rose steadily from 550 hours per farm on the smallest farms to 7,021 hours per farm on farms marketing 2,500 hogs or more per year. In contrast, labour hours per hundredweight of dressed pork produced, declined from 6.6 hours on the smallest farrow-finish farms to 1.0 hour on the largest farms. Farms marketing 500-999 and 1,000 to 1,499 hogs used 1.7 hours of labour per hundredweight of dressed pork produced in 1981.

TABLE 11: ALLOCATION OF LABOUR ON FARROW-FINISH ENTERPRISES, ALBERTA, 1981

	Feeding & Feed Prep.	Breeding & Farrowing	Cleaning & Manure Disp.	Moving & Sorting	Buying & Marketing	Repairs, Bldg., Equip.	Mgt. & Records	Total
	- Hours (Percent) -							
Operator	693.92 (24.22)	174.77 (6.10)	413.40 (14.43)	140.64 (4.91)	112.09 (3.91)	131.34 (4.58)	105.36 (3.68)	1771.52 (61.82)
Family	101.87 (7.96)	42.26 (3.49)	82.45 (6.18)	56.83 (3.28)	11.57 (0.97)	51.57 (3.02)	7.50 (0.93)	739.80 (25.82)
Hired	228.04 (3.56)	100.14 (1.47)	176.98 (2.88)	94.06 (1.98)	27.66 (0.40)	86.40 (1.80)	26.61 (0.26)	354.10 (12.36)
ALBERTA	1023.84 (35.73)	317.17 (11.06)	672.84 (23.48)	291.53 (10.17)	151.32 (5.28)	269.31 (9.39)	139.46 (4.86)	2865.42 (100)

TABLE 12: LABOUR USE ON FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

	Region							Alberta
	I	II	III	IV	V	VI	VII	
	Hours							
Operator	1927.5	1772.6	2056.7	1368.6	1878.6	1346.7	1839.5	1771.5
Family	2195.8	1137.5	1046.0	124.0	319.5	235.4	500.4	739.8
Hired	-	658.7	500.4	225.4	689.9	-	49.0	354.1
Total	4123.3	3568.8	3603.1	1718.0	2888.0	1582.1	2388.9	2865.4
Per Cwt Dressed Equivalent	1.32	1.08	1.48	1.90	1.69	1.64	2.02	1.46

TABLE 13: LABOUR USE ON FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Operator	Family	Hired	Total	Per Cwt Dressed
	- - - - - - - - - - - - Hours - - - - - - - - - - - -				
< 50	549.8	0.0	0.0	549.8	6.57
50- 99	862.1	3.3	0.0	865.4	6.28
100- 199	1130.9	76.7	0.0	1207.6	4.34
200- 499	1422.2	172.3	47.4	1641.9	2.98
500- 999	1797.7	257.3	262.6	2317.6	1.72
1000-1499	2011.0	533.6	1219.5	3764.1	1.73
1500-2499	2402.0	1061.3	678.2	4141.5	1.22
≧2500	2866.8	3623.0	531.3	7021.1	1.01
ALBERTA	1771.5	739.8	354.1	2865.4	1.46

Excluding Regions I and VI where no hired labour was reported, hired labour costs varied on average from 21 cents per hundredweight of dressed pork produced on farms in Region II to $2.72 per hundredweight of dressed pork produced on farms in Region V (Table 14). Average labour cost for the province was $1.17 per hundredweight of dressed pork produced or 1.5 per cent of total production costs. Since hired labour cost is a cash cost, it is included in the "Other Cash Costs" section of the costs and returns tables.

Only farms marketing at least 200 hogs per year reported the use of hired labour. Hired labour cost averaged less than 50 cents per hundredweight of dressed pork produced on farms marketing 200 to 499 hogs and 2,500 hogs or more per year, rising to $3.37 per hundredweight of dressed pork produced on farms marketing 1,000 to 1,499 hogs per year (Table 15).

Operator and unpaid family labour were treated as non-cash costs. The operator wage rate was set at $6.50 per hour while the unpaid family wage rates were set at $3.25 and $6.50 per hour depending on the type of ownership and work performed. For example, in the case of a father-son or brother-brother partnership, the family wage rate was $6.50 per hour.

Operator and unpaid family labour costs averaged $7.94 per hundredweight of dressed pork produced or 10 per cent of the total production costs. These costs tended to be lower on farms in southern Alberta, averaging between $5.48 per hundredweight of dressed pork produced in Region II to $8.31 per hundredweight dressed in Region I. Elsewhere, operator and family labour costs per hundredweight of dressed pork produced, ranged from about $8.00 on farms in Region V to almost $12.00 in Regions VI and VII.

Operator and unpaid family labour costs declined steadily as the size of farrow-finish operation increased. Operator and family labour costs dropped from $42.67 per hundredweight of dressed pork produced on farms marketing fewer than 50 hogs per year to $5.97 per hundredweight dressed on farms marketing 2,500 hogs or more. These costs amounted to 30 per cent of total production costs on the small farrow-finish farms and less than 9 per cent of total production costs on the largest hog farms.

All in all, average labour costs were estimated at $9.11 per hundredweight of dressed pork produced or 11 per cent of total production costs. Average labour costs were lower on farrow-finish farms in the south (<$9.50/cwt dressed) compared to farms in the north ($11-12/cwt dressed). Average labour costs also declined steadily as farms increased in size from about $43 per hundredweight of dressed pork produced on the smallest hog farms to less than $6.50 on the largest hog farms.

TABLE 14: AVERAGE LABOUR COSTS FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

Region	Hired	Operator	Family	Total
		$/cwt dressed		
I	-	4.00	4.31	8.31
II	0.21	3.47	2.01	5.69
III	0.57	5.35	2.33	8.25
IV	0.79	9.83	0.45	11.07
V	2.72	7.15	0.83	10.70
VI	-	10.48	1.15	11.63
VII	0.26	10.12	1.80	12.18
ALBERTA	1.17	5.90	2.04	9.11

TABLE 15: AVERAGE LABOUR COSTS FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Hired	Operator	Family	Total
		$/cwt dressed		
<50	-	42.67	-	42.67
50 - 99	-	40.65	0.08	40.73
100 - 199	-	26.44	0.90	27.34
200 - 499	0.29	16.80	1.02	18.11
500 - 999	1.23	9.17	0.75	11.15
1000 - 1499	3.37	6.01	0.93	10.31
1500 - 2499	1.65	4.44	1.45	7.54
≧2500	0.47	2.69	3.28	6.44
ALBERTA	1.17	5.90	2.04	9.11

SECTION V

FEED AND CASH COSTS

Feed and Feed Costs

As feed is one of the most critical ingredients on hog farms, producers were asked to list all of the rations fed in 1981 and the purchase cost of those rations. Home-grown feeds were valued at the market, using the reports of feed grain prices published by the Alberta Grain Commission.

The average farrow-finish operator used about 890 pounds of feed to finish a hog to a market weight of 166.2 pounds dressed. The feed conversion amounted to 5.3 pounds of feed per pound of dressed pork produced or 4.2 pounds of feed per pound of live weight produced. This feed included the sow and boar rations. Approximately two-thirds of the rations used consisted of barley and other grains.

Farrow-finish farms in the south tended to use less feed per pound of gain than farms elsewhere in the province. Regions I, II and III averaged 5.0 to 5.4 pounds of feed per pound of dressed pork produced, Region IV averaged 5.3 pounds, while the feed conversion in the other three regions ranged between 5.6 and 6.2 pounds per pound of dressed pork produced (TABLE 3).

Generally speaking, feed per hog equivalent also varied by region, with the southern regions using less feed to finish a hog to market weight. Regions I, II and III fed 812 to 909 pounds of feed per hog equivalent versus 916 to 988 pounds of feed in Regions V, VI and VII. Farms in Region IV averaged 869 pounds of feed per hog equivalent. Part of this variation was due to the different weights at which hogs were marketed. More important, the differences arose as a result of better feeding efficiencies in the south. The best average feed performance of 5.0 pounds occurred on farms in Region I.

Study participants were also asked to report the extent of home-grown feeds used in their hog rations. Farms in Region VII produced over 80 per cent of the feed ingredients used in hog rations compared with 46

per cent in Region II and 52 per cent in Region III. Farms in Region I produced on average 75 per cent of the feed used, Regions IV and VI averaged 71 per cent, and Region V, 69 per cent.

Feeding efficiency also seemed to increase with increasing size of the farrow-finish operation, rising from seven to eight pounds of feed per pound of dressed pork produced on farms marketing fewer than 200 hogs per year to 4.8 pounds on farms marketing 2,500 hogs or more (Table 4). Indeed, farms marketing fewer than 500 hogs per year reported average feed conversions of 6.3 to 7.9 pounds of feed per pound of dressed pork produced, whereas farms marketing 500 hogs or more averaged between 4.8 and 6.1 pounds of feed per pound of dressed pork produced. Feed per hog equivalent also tended to be lower on larger than smaller farms.

The proportion of home-grown feeds in the hog rations declined as the size of farrow-finish enterprise increased. Over 80 per cent of the feed ingredients used on farms marketing fewer than 500 hogs was produced on the farm, while farrow-finish farms marketing 1,000 to 1,499 hogs produced 37.5 per cent of their feed ingredients. Home-grown feeds comprised 48 per cent of the rations on farms marketing 1,500-2,499 hogs, and 55 per cent and 59 per cent on farms marketing 500 to 999 and more than 2,499 hogs, respectively.

Average feed costs on farrow-finish farms amounted to $40.67 per hundredweight of dressed pork produced or 50.9 per cent of total production costs. Feed costs were just under $38 per hundredweight of dressed pork produced on farms in Region II, almost $41 to $42 per hundredweight in Regions I, III, IV and VII, and $43 to $45 per hundredweight in Regions V and VI. (Table 16)

Feed costs on farrow-finish farms varied indirectly with feeding efficiency and the proportion of home-grown feeds used in the rations. Therefore feed costs per hundredweight of dressed pork produced were generally lower on larger farms. Farrow-finish farms which marketed at least 2500 hogs per year reported the lowest feed costs of $37.05 per hundredweight of dressed pork produced (Table 17). In contrast, farms marketing less than 500 hogs per year had average costs of $45 to $50 per hundredweight of dressed pork produced. Farms marketing 1,000 to 1,499 hogs per year had average feed costs of $47.52 per hundredweight of dressed pork produced, while farms marketing 500 to 999 and 1,500 to

TABLE 16: ESTIMATED CASH COSTS FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

Region	Feed Costs	Other Cash Costs	Total Cash Costs
	- - - - - - - - $/cwt. dressed - - - - - - - - - -		
I	41.63	12.71	54.34
II	37.85	13.42	51.27
III	40.69	16.18	56.87
IV	41.80	17.89	59.69
V	43.48	16.63	60.11
VI	45.22	18.75	63.97
VII	40.94	18.85	59.79
ALBERTA	40.67	15.52	56.19

TABLE 17: ESTIMATED CASH COSTS FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA 1981

Size Class	Feed Costs	Other Cash Costs	Total Cash Costs
	- - - - - - - - - $/cwt dressed - - - - - - - -		
<50	45.00	21.12	66.12
50-99	49.68	19.60	69.28
100-199	47.95	19.28	67.24
200-499	45.35	19.87	65.23
500-999	41.82	17.89	59.71
1000-1499	47.52	19.52	67.05
1500-2499	41.19	16.64	57.82
≧2500	37.05	12.26	49.31
ALBERTA	40.67	15.52	56.19

2,499 averaged about $41 to $42 per hundredweight of dressed pork produced.

Other Cash Costs

Other cash costs included some livestock purchases, bedding, veterinary bills, chemicals, manure disposal, hired labour, hog trucking and marketing costs, taxes, insurance, machinery and building operating costs, and other miscellaneous expenditures directly related to the hog operation. There was also an estimated interest charge of 18 per cent on all cash expenditures including feed costs.

Other cash costs varied from about $13 per hundredweight of dressed pork produced on farrow-finish farms in Regions I and II to almost $19 per hundredweight in Regions VI and VII. These cash costs were generally lower on larger farms than on smaller farms (Table 16). Other cash costs ranged between $12 and $17 per hundredweight of dressed pork produced on farms marketing 1,500 hogs or more per year, compared with $19 to $21 on farms marketing less than 500 hogs per year. Other cash costs averaged $17.89 and $19.52 per hundredweight of dressed pork produced on farms marketing 500 - 999 and 1,000 - 1,499 hogs, respectively (Table 17). The sample average was $15.52 per hundredweight of dressed pork produced or 19.4 per cent of total production costs.

Total Cash Costs

Total cash costs were lowest in Regions II and I, averaging $51.27 and $54.34 per hundredweight of dressed pork produced, rising to about $60 in Regions IV, V and VII, and $64 in Region VI. Farrow-finish farms in Region III had average cash costs of $56.87 per hundredweight of dressed pork produced.

With the exception of farrow-finish farms which marketed between 1,000 and 1,499 hogs per year, average cash costs declined with the size of operation from $64 to $69 per hundredweight on farms marketing fewer than 500 hogs per year to just over $49 on farms marketing at least 2,500

hogs per year. The high cash costs of $67.00 per hundredweight of dressed pork produced on farms marketing 1,000 to 1,499 hogs per year was due largely to the relatively high feed costs reported by these farms.

SECTION VI

SUMMARY OF RETURNS AND COSTS

A major objective of this study was to determine the returns and costs and the relative profitability of hog production in Alberta. Returns are comprised of receipts from the sale of finished market or slaughter hogs, sows, boars, weaners and breeding stock, government support payments, dollar value of inventory change, and other hog receipts. Other hog receipts include hogs consumed on the farm (perquisites), off-farm hog sales and manure sales.

The major component of returns is the sale of market or slaughter hogs through the APPMB. As this information was taken directly from the Hog Carcass Grading Certificate, it is accurate and complete. Government support payments were recorded from cheque stubs and financial records. Inventory change was valued at the average price received for market hogs. Similarly, hogs eaten in the home, and gifts were valued at the corresponding average market price received. Off-farm sales were recorded as such.

Except for home-grown feeds, all feeds and feed costs were taken from financial records. Home-grown feeds were valued at the average regional price published by the Alberta Grain Commission. Similarly, all components of "Other Cash Costs" were taken from financial records with the exception of the 18 per cent interest charge on cash operating expenditures. All study participants were asked to assign to their hog enterprise the appropriate proportion of the capital costs, taxes, utilities and general insurance.

Total returns on the farrow-finish farms studied in 1981 were estimated at $157,331 per farm, which was an increase of about 38 per cent over 1980 returns. Average returns per hundredweight of dressed pork produced was almost $80 compared to $66.61 in 1980.

As with production, total returns were highest on farms in southern Alberta, reaching $262,600 per farm in Region II, $251,622 in Region I and $194,011 in Region III (Table 18). In contrast, total returns per

farm averaged $72,579 in Region IV, $77,900 in Region VI, $92,750 in Region VII, and $142,023 in Region V.

There was a direct relationship between total returns and the size of farrow-finish operation. Total returns were $6,594 per farm for farms marketing fewer than 50 hogs, climbing to $547,287 on farms marketing 2,500 hogs or more per year (Table 19). Average returns for farms marketing 1,000 to 1,499 hogs per year were $175,484 per farm.

Feed costs tended to be lower on farrow-finish farms in southern Alberta than elsewhere in the province. Correspondingly, total cash costs were lower on farms in the three southern regions, ranging from $51 to $57 per hundredweight of dressed pork produced, in contrast to $60 to $64 per hundredweight in the other four regions.

Returns over cash costs or gross margins represent the residual which is left over for unpaid operator and family labour, capital investment, and profit. The estimated return over cash costs on farrow-finish farms in 1981 was $23.80 per hundredweight of dressed pork produced, up 23 per cent over 1980 returns. However, mainly because of higher depreciation charges, interest and imputed labour costs in 1981, the average farrow-finish farm barely broke even with estimated profits of 16 cents per hundredweight of dressed pork produced.

Farrow-finish enterprises in Regions I and II reported the highest gross margins of $26 to $28 per hundredweight of dressed pork produced, followed by Regions III and V with roughly $23 per hundredweight of dressed pork produced. Indeed, on average, only farms in Regions I and II showed profits - $3.95 and $8.70, respectively, per hundredweight of dressed pork produced.

TABLE 18: ESTIMATED RETURNS AND COSTS FOR FARROW-FINISH ENTERPRISES BY REGION, ALBERTA, 1981

	Regions							Alberta
	I	II	III	IV	V	VI	VII	
	- - - - - - - - - - - - - - - - Dollars - - - - - - - - - - - - - - - - - -							
RETURNS								
Returns/Cwt Dressed	80.25	79.13	79.46	80.19	83.18	81.00	78.50	79.99
TOTAL RETURNS	251621.89	262599.56	194011.34	72578.83	142023.14	77899.44	92750.07	157331.30
COSTS								
Feed Costs/Cwt Drs.	41.63	37.85	40.69	41.80	43.48	45.22	40.94	40.67
Other Cash Costs/Cwt Drs.	12.71	13.42	16.18	17.89	16.63	18.75	18.85	15.52
Total Cash Costs/Cwt Drs.	54.34	51.27	56.87	59.69	60.11	63.97	59.79	56.19
Non-Cash Costs/Cwt Drs.	21.96	19.15	25.54	26.64	24.91	27.99	28.68	23.64
Total Costs/Cwt Drs.	76.30	70.43	82.41	86.34	85.02	91.96	88.47	79.83
TOTAL COSTS	239237.72	233732.15	201215.98	78146.42	145174.31	88443.35	104531.27	157021.41
Returns Over Cash/Cwt Drs.	25.91	27.86	22.59	20.50	23.07	17.03	18.71	23.80
Net Return/Cwt Drs. (Return to Management)	3.95	8.70	(2.95)	(6.15)	(1.84)	(10.96)	(9.97)	0.16
Return on Investment (%)	13.6	18.4	6.2	3.6	7.5	(1.3)	(2.0)	9.2

TABLE 19: ESTIMATED RETURNS AND COSTS FOR FARROW-FINISH ENTERPRISES BY SIZE, ALBERTA, 1981

	Size Class								Alberta
	<50	50-99	100-199	200-499	500-999	1000-1499	1500-2499	≥2500	
	- - - - - - - - - - - - - - - DOLLARS - - - - - - - - - - - - - - -								
RETURNS									
Returns/Cwt Dressed	78.75	79.04	80.08	80.51	82.64	80.69	79.61	78.96	79.9
TOTAL RETURNS	6594.08	10896.36	22266.89	44298.37	111063.78	175483.75	271108.09	547287.18	157313.3
COSTS									
Feed Costs/Cwt Drs.	45.00	49.68	47.95	45.35	41.82	47.52	41.19	37.05	40.6
Other Cash Costs/Cwt Drs.	21.12	19.60	19.28	19.87	17.89	19.52	16.64	12.26	15.5
Total Cash Costs/Cwt Drs.	66.12	69.28	67.24	65.23	59.71	67.05	57.82	49.31	56.1
Non Cash Costs/Cwt Drs.	75.49	65.18	49.10	38.54	27.97	24.74	20.75	19.56	23.6
Total Costs/Cwt Drs.	141.61	134.46	116.34	103.76	87.67	91.78	78.57	68.87	79.8
TOTAL COSTS	11857.76	18536.81	32350.58	57094.32	117836.69	199599.53	267577.72	477319.01	157021.4
Returns Over Cash/Cwt Dr	12.63	9.76	12.84	15.28	22.93	13.64	21.79	29.65	23.8
Net Return/Cwt Drs. (Return to Management)	(62.86)	(55.42)	(36.26)	(23.25)	(5.03)	(11.09)	1.04	10.09	0.1
Return on Investment (%)	(23.1)	(30.0)	(17.9)	(8.8)	4.8	(1.1)	10.1	21.0	9.2

Mainly because of the lower feed costs, cash costs per hundredweight of dressed pork produced were generally lower on larger farms than on smaller farms. Cash costs ranged between $65 and $69 per hundredweight of dressed pork produced on farms marketing fewer than 500 hogs to $49 per hundredweight on farms marketing 2,500 hogs or more (Table 15). As a result of relatively high feed costs on farms marketing 1,000 to 1,499 hogs per year, cash costs averaged $67.05 per hundredweight of dressed pork produced.

Returns over cash costs were positive for all size classes of farrow-finish farms studied, rising as the size of enterprise increased. However, on average, only farrow-finish farms marketing 1,500 hogs or more per year showed profits of $1.04 to $10.09 per hundredweight of dressed pork produced. Losses were estimated as high as $62.86 per hundredweight of dressed pork produced on farms marketing fewer than 50 hogs in 1981. Much of these losses were due to the lower production relative to fixed overhead and operator/family labour costs reported for 1981. Non-cash costs were estimated as high as $75.49 per hundredweight of dressed pork produced on farms marketing fewer than 50 hogs per year declining below $20 on farms marketing 2,500 hogs or more in 1981. The sample average non-cash cost was $23.64 per hundredweight of dressed pork produced.

It is recalled that the interest on investment was set at 15 per cent for all farms. By withdrawing this assumption, the return on investment was determined as a residual. On average, return on investment was highest on farms in southern Alberta, ranging between 6 and 18 per cent compared to 7.5 per cent in Region V, 3.6 per cent in Region IV, and negative returns on investment for farrow-finish farms in Regions VI and VII (Table 18).

Like profit, average return on investment generally increased as the size of the farrow-finish farm increased. Whereas farms marketing fewer than 500 hogs and 1,000 to 1,499 hogs per year showed negative returns on investment, average return on investment was 10 per cent for farrow-finish farms marketing 1,500 to 2,499 hogs per year, and 21 per cent for farms marketing 2,500 hogs and more, and 4.8 per cent on farms marketing 500 to 999 hogs per year. The estimated provincial average return on investment was 9.2 per cent.

SECTION VII

SUMMARY AND CONCLUSION

Summary

The main objective of this study was to determine the economics of hog production in various regions of Alberta, as well as for the province as a whole. A major by-product of the study was to give participating producers a detailed analysis of their hog operations, thereby providing them the opportunity to compare their performance with others, on both a regional and provincial basis. The study was to extend over three years with 1981 being the second production year.

After allowing for size and regional variations in the amount of hogs marketed, about 250 commercial hog producers were randomly selected for study. All of the primary data required for the study were obtained through the use of a detailed questionnaire and interviews conducted on the farms. A total of 120 usable farrow-finish questionnaires was obtained from the farm visits. Readers are reminded that this report addresses itself only to farrow-finish enterprises, as a separate report is currently being prepared for finishing enterprises.

The average age of farrow-finish producers who participated in the study was 42 years. In terms of years of direct hog farming experience, an average of 16 years was reported.

Almost 63 per cent of the farrow-finish enterprises studied were classed as proprietorships, 30 per cent were incorporated and 8 per cent were partnerships. Corporations were more prevalent in southern Alberta, especially among larger farms.

The average acreage farmed was 2,183 acres. Of this acreage, 87 per cent was deeded, with the remaining 13 per cent being either leased or rented. Operators also reported that 73 per cent of their farm land was developed. Virtually all of the farms were mixed farming operations, with hogs and beef being the main livestock enterprises. In general,

the largest farms (in terms of acres) were located in the three southern regions and in Region VII. There was a direct relationship between farm size and the number of hogs marketed.

Eighty per cent of the study participants used a continuous farrowing system, while the remaining 20 per cent preferred a batch farrowing system. About 30 per cent of the sows were replaced in 1981. Replacement was much more intense among the smaller farms marketing fewer than 500 hogs. Eighty per cent of the replacement gilts were recruited from within the hog operation, and were normally bred at the age of 29 weeks or 215 pounds.

Fewer than nine per cent of the farrow-finish operators used AI service. Those who did were predominantly from Regions II, III, IV and V.

The typical farrow-finish farm had 82 sows and five boars. Sows per farm were much higher in the south than elsewhere in the province. An average of 16 piglets per sow was weaned at four to five weeks of age. Total death-loss for all pigs handled was 15.9 per cent. Of this loss, pre-weaning death accounted for 75 per cent, weaners/growers 24 per cent and one per cent was from the breeding herd. Post-weaning death-loss had increased for all regions when compared to 1980, and was reported at 4.2 per cent. The main causes of death were crushing, fighting, diseases and stress.

Farrow-finish enterprises in southern Alberta were significantly larger than in central and northern Alberta. Breeding herds averaged between 112 and 131 sows for the three southern regions compared with 76 and 43 in the central and northern regions, respectively. Average production per farm was greatest in Region II with about 1,983 hog equivalents corresponding to 3,318.8 hundredweight of dressed pork. (A hog equivalent is simply a hypothetical market hog which would produce the same average dressed carcass weight of the hog actually marketed). The average carcass weight for this region was 167.4 pounds. Region IV, with the smallest herd, produced 553.7 hog equivalents or 905.1 hundredweight of dressed pork. Average carcass weight in this region was 163.5 pounds. On average, almost 1,184 hog equivalents were produced by farrow-finish farms in 1981, corresponding to 1,966.9 pounds of dressed pork.

The average index on farrow-finish farms was 102.5. The lowest average index of 101.1 was recorded in Region IV. Regions II, III, VI and VII averaged between 101.1 and 102.7, while Regions I and V had an average index of 103 and over.

Farrow-finish herds ranged from an average of five sows marketing fewer than 50 hogs, to approximately 248 sows marketing more than 2,499 hogs per year. Generally, the larger farms had a tendency to wean more piglets per sow (16 to 17) than the smaller farms, which averaged 14 to 15 piglets per sow. Average weaning age was much lower for the larger enterprises (>500 hogs) at 29.8 days, compared to 38.0 days for the smaller enterprises (<499 hogs). In general, there was a direct relationship between farm size, hog production, dressing percentage and the average index.

The current market value of fixed assets associated with farrow-finish enterprises was $192,378 per farm. Of this total, 60 per cent was allocated to buildings and building equipment, 11 per cent to machinery and equipment, and 10 per cent to feed storage and feeding equipment. Average investment per farm was highest in the three southern regions and in Region V. Enterprises marketing fewer than 200 finished hogs had an average investment of less than $37,000 per farm, compared to $322,082 and $580,744 for farrow-finish enterprises marketing 1,500 to 2,499, and 2,500 hogs and over, respectively. Estimated interest cost on fixed assets was $17,450 per farm.

The principal source of labour for all of the operations associated with the farrow-finish enteprise was from the operator himself and his family. The typical farrow-finish farm utilized 2,865.42 hours of labour, 43 per cent above 1980 levels. The operator contributed almost 62 per cent of this labour, family 26 per cent, and hired labour 12 per cent. Total labour hours were greater for farrow-finish farms in the south than in the central and northern regions, and were 12.8 times as much on the largest farms (≧2,500) compared with the smallest farms (<50).

Although farrow-finish farms in the south reported the highest labour use, these farms also showed the most efficient use of labour, requiring on the average between 1.08 and 1.48 hours to produce one hundredweight of dressed pork. Farm size and labour efficiency were

directly related. For example, for farms marketing less than 100 hogs, an average of 6.43 hours was required to produce one hundredweight of dressed pork, as opposed to 1.01 hours for farms marketing 2,500 hogs or more. For the average farrow-finish operator, a total of 1.46 hours was required per hundredweight of dressed pork produced.

Hired labour, a cash cost, was $1.17 per hundredweight of dressed pork produced or 12.8 per cent of total labour cost on farrow-finish farms. Operator and family labour were treated as non-cash costs, with a wage rate of $6.50 per hour for the operator and $3.25 per hour for family labour. Operator and family labour costs for the average farrow-finish enterprise were estimated at $7.94 per hundredweight of dressed pork produced or 87.2 per cent of total labour costs.

Operator and family labour costs per hundredweight of dressed pork produced, were lowest in Regions II and III, averaging $5.48 and $7.68, compared with $11.63 and $11.92 for Regions VI and VII, respectively. Operator and family labour costs ranged between $27.34 and $42.67 per hundredweight of dressed pork produced on farms marketing fewer than 200 hogs versus $5.97 per hundredweight of dressed pork produced on the largest farrow-finish farms (≥2,500 hogs). For the average farrow-finish operator, total labour costs amounted to $9.11 per hundredweight of dressed pork produced.

On average, about 890 pounds of feed was required to produce a market hog on farrow-finish farms. Feeding efficiency corresponded to 4.2 pounds of feed per pound of live weight produced or 5.3 pounds per pound of dressed pork produced. The principal ingredients used in the average feed ration were barley and mixed grains, practically all of which were home-grown.

Farrow-finish farms in southern Alberta used proportionately less home-grown feeds in their rations than farms in the central and northern regions. Similarly, larger farms used proportionately less home-grown feed than smaller farms. Consequently, the feeding efficiency was significantly higher for farms in southern Alberta (5.4 pounds per pound of gain), on the larger farms. The feed considered in feeding efficiency also included sow and boar rations.

Feed costs for the typical farrow-finish enterprise were $40.67 per hundredweight of dressed pork produced or 72.4 per cent of the total cash costs. For hog farms in southern Alberta, feed costs averaged $40.06 per hundredweight dressed and $42 to $46 per hundredweight dressed for the central and northern regions. On the other hand, because of the seemingly greater use of home-grown feed on smaller farms, feed costs on smaller farms, as on larger farms, tended to be lower (less than $40.00 per hundredweight dressed), than on farms of intermediate size.

Estimated returns for farrow-finish enterprises studied in 1981 were $157,331 per farm or $80 per hundredweight of dressed pork produced. The highest gross returns were reported in the south, particularly in Region II which averaged $262,600 per farm or $79.13 per hundredweight of dressed pork produced. Production costs per hundredweight of dressed pork produced were also lowest in the three southern regions, averaging between $70.43 and $82.41. For the other four regions, the range in production costs per hundredweight of dressed pork produced was $85.02 to $91.96.

In spite of higher returns per hundredweight of dressed pork produced in 1981, production of hogs was less profitable in 1981 than in 1980. The estimated profit realized by the average farrow-finish enterprise was only $0.16 per hundredweight of dressed pork produced compared to $2.13 in 1980.

Only Regions I and II showed a positive return to management, or profit of $3.95 and $8.70 respectively, per hundredweight of dressed pork produced. Losses for the other five regions ranged from $1.84 to $10.96 per hundredweight of pork produced.

As the size of operation increased, gross returns also increased, ranging from $6,594 for farms marketing fewer than 50 hogs, to just over $547,287 for farms marketing 2,500 hogs or more. Gross returns per hundredweight of dressed pork produced were slightly higher for the intermediate farms, than for smaller and larger farms. However, total cost per hundredweight of dressed pork produced, decreased as the size of operation increased, falling from $141.61 for farms marketing fewer than 50 hogs to $68.87 for farms marketing 2,500 hogs or more.

The only farrow-finish enterprises to show a profit were those which annually marketed 1,500 hogs or more. This profit ranged between $1.04 and $10.09 per hundredweight of dressed pork produced. Losses across other size classes, however, were estimated at $5.03 to $62.86 per hundredweight of dressed pork produced.

Average return on investment was highest on farms in southern Alberta ranging between six per cent and 18 per cent. In contrast, estimated returns on investment were 7.5 per cent in Region V, 3.6 per cent in Region IV, and negative in Regions VI and VII.

Like profits, average return on investment increased with the size of farrow-finish operation. However, on average, farms marketing fewer than 500 hogs and 1,000 to 1,499 hogs per year showed negative returns to investment. On the other hand, the average return on investment reached 21 per cent on farms marketing 2,500 hogs or more, 10 per cent for farms marketing 1,500 to 2,499 hogs, and 4.8 per cent on farms marketing 500 to 999 hogs per year.

Conclusion

The conclusions of the second year of this three-year study support practically all of the findings of the 1980 report. These findings include the following.

1. Hog farrow-finish enterprises in southern Alberta tend to be large, more modern, and more efficient than enterprises in central and northern Alberta.

2. Larger farrow-finish enterprises are decidedly more efficient than smaller enterprises.

3. Operator and family labour are the main sources of labour on farrow finish farms.

4. Almost two-thirds of the rations used on farrow-finish farms come from home-grown feeds.

5. Home-grown feeds comprise a greater proportion of the feed rations in central and northern Alberta compared with southern Alberta. Similarly, home-grown feeds comprise a greater proportion of the rations on smaller farrow-finish farms compared with larger farms. A possible consequence of the relatively high proportion of home-grown feeds in feed rations is the lower feeding efficiencies reported in central and southern Alberta and on smaller farrow-finish farms. However, because of the relative feed prices, increasing use of home-grown feeds also tended to reduce feed costs. Consequently, the choice of home-grown versus purchased rations should not be based solely on feeding efficiency, but on dollar costs per pound of grain.

6. Practically all farrow-finish farms had positive gross margins or returns over cash costs in 1981. However, farrow-finish hog production in Alberta was less profitable in 1981 than in 1980. Indeed, on an industry wide basis farrow-finish hog production barely broke even.

   Profitability was more prevalent on farrow-finish farms in southern Alberta than elsewhere in the province and on larger farrow-finish farms than on smaller farms.

7. Average return on investment for farrow-finish farms was 9.2 per cent in 1981. As with profit, return on investment was greater on farms in southern Alberta and on the largest farrow-finish farms.

APPENDIX A

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FARROW-FINISH FOR: TOTAL PROVINCE
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
82 SOWS $205/HEAD	16835.	16013.		16013.40	95			2402.01
5 BOARS $368/HEAD	1841.	1763.		1762.56	96	0.95		264.38
---GILTS $---/HEAD	21.	21.		20.84	100			3.13
SUB-TOTAL	18696.	17797.		17796.81		0.95	0.00	2669.52
BUILDINGS								
FARROWING BARN	39738.	39712.	14	21841.72	100	897.61	2590.74	3276.26
WEANING BARN	12853.	12853.	11	7069.12	100	515.87	1066.18	1060.37
DRY SOW BARN	22291.	22291.	14	12259.89	100	266.00	1446.73	1838.98
GROWER-FINISHER BARN	37760.	37653.	12	20709.04	100	790.37	2725.63	3106.36
OFFICE BUILDING	916.	916.	26	503.57	100	16.30	31.12	75.54
ELECTRICAL FOR COMPLETE UNIT	23.	23.	7	12.46	100	2.02	2.89	1.87
OTHER	1419.	1419.	16	780.48	100	98.04	81.52	117.07
SUB-TOTAL	115000.	114866.		63176.28		2586.20	7944.80	9476.44
OTHER BUILDINGS								
BARNS	5580.	5487.	11	3017.99	98	73.10	445.47	452.70
SHEDS	649.	578.	7	317.83	89	31.56	77.16	47.67
FEED TROUGHS	283.	283.	12	155.82	100	6.81	21.88	23.37
SELF-FEEDERS	36.	36.	8	19.64	100		3.93	2.95
FENCING	406.	406.	8	223.25	100	24.43	46.27	33.49
OTHER								
OTHER					100			
SUB-TOTAL	6954.	6790.		3734.53		135.89	594.71	560.18
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	631.	631.		630.92	100	2.35		94.64
STORAGE PIT								
FARROWING BARN	122.	122.	18	66.84	100		6.07	10.03
GROWER-FINISHING BARN	192.	192.	19	105.35	100	0.42	8.88	15.80
LIQUID MANURE SPREADER	3117.	2810.	7	1545.69	90	79.03	338.20	231.85
MANURE SPREADER	1827.	1420.	7	781.18	78	80.87	185.76	117.18
SUBMERSIBLE PUMP OR AGITATOR	238.	236.	9	129.97	99	9.14	23.43	19.50
OTHER	73.	73.	6	40.21	100	3.36	11.22	6.03
SUB-TOTAL	6198.	5484.		3300.16		175.17	573.56	495.02
FEED STORAGE								
---- STEEL BINS	5366.	5032.	22	2767.80	94	58.75	202.13	415.17
---- WOODEN BINS	860.	733.	9	403.25	85	25.38	74.62	60.49
---- FEED BINS ---- TONNES	2560.	2547.	13	1400.80	100	17.31	173.56	210.12
HIGH MOISTURE GRAIN	118.	109.	19	60.08	93	4.68	5.29	9.01
OTHER	126.	93.	30	51.07	73	1.67	2.76	7.66
SUB-TOTAL	9029.	8515.		4683.01		107.79	458.37	702.45
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	8370.	8303.	13	4566.54	99	312.49	575.45	684.98
FEED CONVEYORS	539.	539.	10	296.48	100	11.34	48.86	44.47
GRINDER	72.	50.	7	27.71	70	1.86	6.97	4.16
MOBILE GRINDER/MIXER	2121.	1844.	5	1014.41	87	110.59	339.94	152.16
FEED CART	105.	29.	5	16.09	28	1.53	5.37	2.41
OTHER								
SUB-TOTAL	11206.	10766.		5921.23		437.81	976.79	888.18
EQUIPMENT IN BARNS								
---- CRATES	585.	585.	8	321.72	100	12.44	62.19	48.26
---- PENS ---- FT.	76.	76.	7	41.62	100	1.93	9.67	6.24
---- WATERERS	100.	100.	9	55.12	100	2.97	9.94	8.27
---- SELF-FEEDERS	237.	237.	12	130.38	100	2.18	18.11	19.56
---- INDIVIDUAL STALLS	68.	68.	13	37.36	100	0.42	4.60	5.60
---- HEAT LAMPS	25.	25.	6	13.75	100	1.71	4.00	2.06
---- VENTILATION	167.	167.	12	91.92	100	9.13	12.83	13.79
---- OTHER	50.	50.	9	27.50	100	1.85	5.16	4.12
SUB-TOTAL	1308.	1308.		719.38		32.64	126.50	107.91
EXTRA EQUIPMENT								
WELL AND WATER LINES	6018.	3183.	20	1750.81	53	104.09	144.61	262.62
SCALE ---- LB. CAPACITY	95.	95.	5	52.38	100	1.55	19.02	7.86
TRUCKS 1) 1/2 OR 3/4 TON	3257.	1236.	4	679.36	38	532.58	298.46	101.93
2) ONE OR TWO TON	2235.	1296.	4	712.90	58	448.48	259.69	106.94
3) 3 TON	8861.	4338.	7	2385.97	49	1006.01	555.25	357.89
TRACTORS 1) UP TO 75 H.P.	4291.	1846.	6	1015.11	43	455.98	257.38	152.27
2) 76 TO 110 H.P.	8467.	3227.	5	1774.91	38	950.48	551.59	266.24
3) OVER 110 H.P.	11006.	3343.	9	1838.74	30	548.99	320.12	275.81
STANDBY GENERATOR	3657.	1748.	14	961.21	48	63.70	110.73	144.18
PRESSURE WASHER	446.	411.	6	225.93	92	21.11	59.78	33.89
TOOLS AND VET., EQUIPMENT	299.	261.	5	143.74	87	13.46	43.10	21.56
GRAIN AUGER	906.	408.	6	224.19	45	21.57	57.95	33.63
OTHER	737.	505.	9	277.81	69	77.39	52.27	41.67
SUB-TOTAL	50275.	21897.		12043.27		4245.39	2729.95	1806.49
LAND - BLDGS. SITE & PASTURE	5051.	4956.		4956.11	98	0.41		743.42
TOTAL INVESTMENT	223717.	192378.		116330.78		7722.25	13404.67	17449.62

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: REGION 1
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
112SOWS $258/HEAD	28878.	28878.		28877.78	100			4331.67
2BOARS $379/HEAD	2650.	2650.		2650.00	100	13.11		397.50
---GILTS $---/HEAD								
SUB-TOTAL	31528.	31528.		31527.78		13.11	0.00	4729.17
BUILDINGS								
FARROWING BARN	40729.	40729.	21	22400.99	100	938.89	1718.65	3360.15
WEANING BARN	21101.	21101.	12	11605.53	100	620.56	1595.04	1740.83
DRY SOW BARN	34540.	34540.	15	18997.20	100	204.56	2075.72	2849.58
GROWER-FINISHER BARN	51446.	51446.	13	28295.47	100	1481.22	3558.44	4244.32
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	147817.	147817.		81299.18		3245.22	8947.86	12194.88
OTHER BUILDINGS								
BARNS	28889.	28611.	10	15736.11	99	55.02	2525.00	2360.42
SHEDS								
FEED TROUGHS								
SELF-FEEDERS								
FENCING	306.	306.	6	168.06	100	22.78	43.57	25.21
OTHER								
OTHER					100			
SUB-TOTAL	29194.	28917.		15904.17		77.80	2569.57	2385.62
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN	1296.	1296.	20	712.68	100		58.31	106.90
GROWER-FINISHING BARN	1666.	1666.	20	916.30	100		74.97	137.44
LIQUID MANURE SPREADER	6074.	5185.	9	2851.81	85	123.31	538.33	427.77
MANURE SPREADER	4111.	2480.	9	1364.00	60	109.92	235.98	204.60
SUBMERSIBLE PUMP OR AGITATOR	89.	67.	5	36.67	75	1.67	12.00	5.50
OTHER								
SUB-TOTAL	13236.	10694.		5881.46		234.90	919.58	882.22
FEED STORAGE								
---- STEEL BINS	3408.	3408.	21	1874.28	100	222.22	143.52	281.14
---- WOODEN BINS	733.	733.	12	403.33	100	25.56	54.82	60.50
---- FEED BINS ---- TONNES	15517.	15439.	11	8491.39	99	1.11	1307.98	1273.71
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	19658.	19580.		10769.00		248.88	1506.32	1615.35
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	667.	667.	10	366.67	100	188.89	58.33	55.00
FEED CONVEYORS								
GRINDER	367.	367.	10	201.67	100	13.33	32.86	30.25
MOBILE GRINDER/MIXER	4744.	4744.	8	2609.44	100	369.44	531.11	391.42
FEED CART	1117.	117.	2	64.17	10	5.83	50.50	9.62
OTHER								
SUB-TOTAL	6894.	5894.		3241.94		577.49	672.80	486.29
EQUIPMENT IN BARNS								
---- CRATES	1280.	1280.	20	704.00	100		57.60	105.60
---- PENS ---- FT.	284.	284.	20	156.44	100		12.80	23.47
---- WATERERS	44.	44.	20	24.44	100		2.00	3.67
---- SELF-FEEDERS	1442.	1442.	20	792.92	100		65.94	118.94
---- INDIVIDUAL STALLS	747.	747.	20	410.67	100		33.60	61.60
---- HEAT LAMPS	3.	3.	20	1.75	100		0.14	0.26
---- VENTILATION	1164.	1164.	20	640.44	100		52.40	96.07
---- OTHER								
SUB-TOTAL	4965.	4965.		2730.66		0.00	224.49	409.60
EXTRA EQUIPMENT								
WELL AND WATER LINES	12477.	3923.	24	2157.66	31	264.45	148.47	323.65
SCALE ---- LB. CAPACITY	184.	184.	20	101.16	100	6.67	8.43	15.17
TRUCKS 1) 1/2 OR 3/4 TON	3944.	547.	4	300.97	14	210.46	131.17	45.15
2) ONE OR TWO TON	6778.	4067.	6	2236.67	60	843.73	590.00	335.50
3) 3 TON	16478.	4734.	7	2603.94	29	1304.35	640.85	390.59
TRACTORS 1) UP TO 75 H.P.	3923.	2121.	11	1166.74	54	314.54	177.08	175.01
2) 76 TO 110 H.P.	5921.	1187.	10	653.09	20	171.10	106.28	97.96
3) OVER 110 H.P.	19306.	1215.	9	668.40	6	11.84	118.75	100.26
STANDBY GENERATOR	8948.	3702.	9	2036.17	41	446.39	388.83	305.43
PRESSURE WASHER	906.	739.	6	406.60	82	84.78	104.24	60.99
TOOLS AND VET., EQUIPMENT	105.	104.	5	57.34	99	8.25	17.72	8.60
GRAIN AUGER	2262.	526.	5	289.39	23	17.71	101.02	43.41
OTHER	933.	520.	14	286.00	56	20.12	34.00	42.90
SUB-TOTAL	82164.	23571.		12964.14		3704.38	2566.84	1944.62
LAND - BLDGS. SITE + PASTURE	5078.	5078.		5077.78	100			761.67
TOTAL INVESTMENT	340534.	278043.		169396.11		8101.79	17406.46	25409.42

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: REGION 2
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS $197/HEAD	25820.	25237.		25236.90	98			3785.54
---BOARS $---/HEAD	2949.	2906.		2905.95	99			435.89
---GILTS $---/HEAD	95.	95.		95.24	100			14.29
SUB-TOTAL	28864.	28238.		28238.10		0.00	0.00	4235.71
BUILDINGS								
FARROWING BARN	68333.	68286.	14	37557.17	100	1989.90	4347.77	5633.57
WEANING BARN	23565.	23565.	15	12960.97	100	545.00	1397.39	1944.15
DRY SOW BARN	37328.	37328.	22	20530.19	100	278.67	1538.69	3079.53
GROWER-FINISHER BARN	67315.	67315.	15	37023.43	100	1342.48	4144.97	5553.51
OFFICE BUILDING	512.	512.	20	281.33	100	9.52	23.02	42.20
ELECTRICAL FOR COMPLETE UNIT								
OTHER	5850.	5850.	20	3217.71	100	484.14	269.39	482.66
SUB-TOTAL	202904.	202856.		111570.80		4649.71	11721.23	16735.62
OTHER BUILDINGS								
BARNS	12731.	12326.	14	6779.54	97	39.97	780.62	1016.93
SHEDS	899.	761.	8	418.33	85	6.73	87.54	62.75
FEED TROUGHS	424.	424.	10	233.10	100	2.38	38.29	34.96
SELF-FEEDERS								
FENCING	338.	338.	5	185.95	100	5.24	61.07	27.89
OTHER								
OTHER					100			
SUB-TOTAL	14392.	13849.		7616.92		54.32	967.52	1142.54
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	906.	906.		906.14	100	4.76		135.92
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	6005.	5433.	9	2988.33	90	135.73	515.73	448.25
MANURE SPREADER	2505.	1983.	8	1090.83	79	147.05	222.00	163.62
SUBMERSIBLE PUMP OR AGITATOR	457.	457.	12	251.43	100	23.81	34.57	37.71
OTHER								
SUB-TOTAL	9873.	8780.		5236.74		311.35	772.31	785.51
FEED STORAGE								
---- STEEL BINS	5362.	5362.	27	2949.05	100	78.19	176.17	442.36
---- WOODEN BINS	314.	314.	23	172.86	100	4.00	12.37	25.93
---- FEED BINS ---- TONNES	2710.	2710.	18	1490.24	100	36.57	132.38	223.54
HIGH MOISTURE GRAIN	571.	571.	20	314.29	100		25.71	47.14
OTHER								
SUB-TOTAL	8957.	8957.		4926.43		118.76	346.63	738.96
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	13333.	13333.	10	7333.33	100	650.00	1199.68	1100.00
FEED CONVEYORS	1524.	1524.	15	838.10	100	50.00	94.29	125.71
GRINDER	14.	14.	6	7.86	100	0.29	2.14	1.18
MOBILE GRINDER/MIXER	1486.	1248.	4	686.19	84	50.98	306.39	102.93
FEED CART	86.	86.	12	47.14	100	7.14	6.25	7.07
OTHER								
SUB-TOTAL	16443.	16205.		8912.62		758.41	1608.75	1336.89
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS								
---- SELF-FEEDERS	348.	348.	10	191.19	100	4.76	31.43	28.68
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION	107.	107.	10	58.93	100	28.43	9.64	8.84
---- OTHER								
SUB-TOTAL	455.	455.		250.12		33.19	41.07	37.52
EXTRA EQUIPMENT								
WELL AND WATER LINES	9131.	4089.	26	2249.11	45	207.67	142.53	337.37
SCALE ---- LB. CAPACITY	205.	205.	2	112.70	100		75.16	16.90
TRUCKS 1) 1/2 OR 3/4 TON	2757.	1240.	4	682.15	45	484.91	312.15	102.32
2) ONE OR TWO TON	533.	428.	6	235.19	80	165.66	60.76	35.28
3) 3 TON	15390.	5788.	8	3183.58	38	1472.20	663.32	477.54
TRACTORS 1) UP TO 75 H.P.	4852.	2901.	7	1595.47	60	450.83	351.81	239.32
2) 76 TO 110 H.P.	4822.	2037.	5	1120.51	42	647.29	367.57	168.08
3) OVER 110 H.P.	6476.	1395.	12	767.38	22	140.73	103.46	115.11
STANDBY GENERATOR	8686.	3115.	20	1713.51	36	52.87	137.93	257.03
PRESSURE WASHER	592.	557.	8	306.49	94	36.46	60.36	45.97
TOOLS AND VET., EQUIPMENT	345.	345.	5	189.88	100	30.95	62.50	28.48
GRAIN AUGER	902.	309.	6	170.04	34	4.22	45.43	25.51
OTHER	310.	238.	9	130.95	77	9.16	23.10	19.64
SUB-TOTAL	55001.	22649.		12456.96		3702.96	2406.07	1868.54
LAND - BLDGS. SITE & PASTURE	4181.	4253.		4252.67	102	2.42		637.90
TOTAL INVESTMENT	341069.	306241.		183461.35		9631.13	17863.59	27519.20

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FARROW-FINISH FOR: REGION 3
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
113/7 SOWS $212/HEAD	23904.	23904.		23904.09	100			3585.61
7 BOARS $381/HEAD	2668.	2668.		2668.18	100			400.23
---GILTS $---/HEAD					100			
SUB-TOTAL	26572.	26572.		26572.27		0.00	0.00	3985.84
BUILDINGS								
FARROWING BARN	46301.	46301.	9	25465.37	100	814.25	4495.50	3819.81
WEANING BARN	21677.	21677.	7	11922.59	100	1677.02	2709.40	1788.39
DRY SOW BARN	31761.	31761.	13	17468.32	100	563.80	2156.84	2620.25
GROWER-FINISHER BARN	56632.	56632.	10	31147.77	100	1344.02	5328.64	4672.17
OFFICE BUILDING	3636.	3636.	30	2000.00	100	68.18	109.09	300.00
ELECTRICAL FOR COMPLETE UNIT								
OTHER	500.	500.	13	275.00	100		35.00	41.25
SUB-TOTAL	160507.	160507.		88279.06		4467.27	14834.46	13241.86
OTHER BUILDINGS								
BARNS	3482.	3482.	8	1915.00	100	263.64	400.81	287.25
SHEDS	155.	155.	2	85.00	100		67.64	12.75
FEED TROUGHS	955.	955.	20	525.00	100		42.95	78.75
SELF-FEEDERS								
FENCING	255.	255.	9	140.00	100		25.36	21.00
OTHER								
OTHER					100			
SUB-TOTAL	4845.	4845.		2665.00		263.64	536.75	399.75
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	605.	605.		604.55	100			90.68
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	3327.	2854.	7	1569.50	86	134.85	385.32	235.42
MANURE SPREADER	2309.	1582.	8	870.00	69	99.14	174.68	130.50
SUBMERSIBLE PUMP OR AGITATOR	159.	159.	5	87.50	100		30.68	13.12
OTHER								
SUB-TOTAL	6400.	5199.		3131.55		233.99	590.68	469.73
FEED STORAGE								
---- STEEL BINS	5846.	5704.	26	3137.06	98	80.38	198.34	470.56
---- WOODEN BINS	222.	200.	10	109.89	90	4.60	17.84	16.48
---- FEED BINS ---- TONNES	1870.	1870.	19	1028.45	100	11.36	89.31	154.27
HIGH MOISTURE GRAIN								
OTHER	164.	164.	30	90.00	100		4.91	13.50
SUB-TOTAL	8102.	7937.		4365.40		96.35	310.40	654.81
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	13886.	13886.	15	7637.50	100	766.23	808.64	1145.62
FEED CONVEYORS	318.	318.	3	175.00	100	13.64	95.45	26.25
GRINDER								
MOBILE GRINDER/MIXER	1409.	1275.	4	701.25	90	66.96	297.61	105.19
FEED CART								
OTHER								
SUB-TOTAL	15614.	15480.		8513.75		846.82	1201.70	1277.06
EQUIPMENT IN BARNS								
---- CRATES	835.	835.	18	459.50	100		42.52	68.92
---- PENS ---- FT.								
---- WATERERS	81.	81.	13	44.80	100	2.73	5.63	6.72
---- SELF-FEEDERS	114.	114.	9	62.50	100	2.73	11.36	9.37
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION	41.	41.	10	22.50	100		3.68	3.37
---- OTHER	41.	41.	10	22.50	100		3.68	3.37
SUB-TOTAL	1112.	1112.		611.80		5.45	66.87	91.77
EXTRA EQUIPMENT								
WELL AND WATER LINES	6973.	3779.	21	2078.63	54	51.37	164.43	311.79
SCALE ---- LB. CAPACITY	41.	41.	8	22.50	100		4.70	3.37
TRUCKS 1) 1/2 OR 3/4 TON	2218.	1138.	4	625.75	51	464.23	229.14	93.86
2) ONE OR TWO TON	714.	656.	1	361.00	92	578.69	431.90	54.15
3) 3 TON	11091.	8050.	8	4427.50	73	1295.02	953.75	664.12
TRACTORS 1) UP TO 75 H.P.	4318.	1747.	5	960.63	40	425.84	347.77	144.09
2) 76 TO 110 H.P.	5227.	1877.	5	1032.50	36	424.32	336.75	154.87
3) OVER 110 H.P.	5455.	2059.	6	1132.50	38	428.21	316.91	169.87
STANDBY GENERATOR	4605.	2653.	16	1458.88	58	14.01	147.88	218.83
PRESSURE WASHER	793.	719.	9	395.25	91	25.12	75.55	59.29
TOOLS AND VET., EQUIPMENT	341.	318.	6	175.00	93		45.37	26.25
GRAIN AUGER	780.	350.	7	192.50	45	17.35	43.87	28.87
OTHER	1984.	1226.	7	674.56	62	305.52	152.64	101.18
SUB-TOTAL	44539.	24613.		13537.19		4029.66	3250.66	2030.58
LAND - BLDGS. SITE & PASTURE	4660.	4345.		4345.14	93			651.77
TOTAL INVESTMENT	272351.	250611.		152021.16		9943.19	20791.54	22803.17

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE. FARROW-FINISH FOR: REGION 4
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
--51SOWS $208/HEAD	8518.	8404.		8403.57	99			1260.54
--2BOARS $364/HEAD	727.	727.		726.79	100			109.02
---GILTS $---/HEAD								
SUB-TOTAL	9245.	9130.		9130.36		0.00	0.00	1369.55
BUILDINGS								
FARROWING BARN	11888.	11738.	14	6456.06	99	113.55	731.03	968.41
WEANING BARN	4422.	4422.	19	2432.18	100	33.64	207.73	364.83
DRY SOW BARN	7517.	7517.	19	4134.55	100	282.14	358.84	620.18
GROWER-FINISHER BARN	24241.	24241.	18	13332.51	100	341.86	1203.98	1999.88
OFFICE BUILDING	781.	781.	20	429.79	100	4.14	35.16	64.47
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	48850.	48700.		26785.08		775.33	2536.75	4017.76
OTHER BUILDINGS								
BARNS	1912.	1912.	35	1051.84	100	41.43	49.76	157.78
SHEDS	654.	654.	5	359.46	100	63.93	118.36	53.92
FEED TROUGHS	50.	50.	3	27.50	100		16.07	4.12
SELF-FEEDERS								
FENCING	504.	504.	12	276.96	100	28.93	39.27	41.54
OTHER								
OTHER								
SUB-TOTAL	3120.	3120.		1715.76		134.29	223.47	257.36
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	832.	832.		832.14	100	10.71		124.82
STORAGE PIT								
FARROWING BARN	86.	86.	20	47.14	100		3.86	7.07
GROWER-FINISHING BARN	71.	71.	15	39.29	100		4.29	5.89
LIQUID MANURE SPREADER	1571.	1571.	12	864.29	100	20.00	116.31	129.64
MANURE SPREADER	579.	579.	8	318.21	100	29.29	63.68	47.73
SUBMERSIBLE PUMP OR AGITATOR	86.	86.	15	47.14	100	3.57	5.14	7.07
OTHER								
SUB-TOTAL	3225.	3225.		2148.21		63.57	193.27	322.23
FEED STORAGE								
---- STEEL BINS	3300.	3267.	22	1796.93	99		134.35	269.54
---- WOODEN BINS	934.	874.	13	480.92	94	29.09	61.18	72.14
---- FEED BINS ---- TONNES	1320.	1299.	16	714.33	98	14.05	72.58	107.15
HIGH MOISTURE GRAIN								
OTHER	800.	514.	34	282.86	64	8.49	13.50	42.43
SUB-TOTAL	6354.	5955.		3275.03		51.64	281.61	491.26
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	5728.	5157.	15	2836.07	90	63.98	309.07	425.41
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	1714.	1259.	6	692.41	73	53.77	204.04	103.86
FEED CART								
OTHER								
SUB-TOTAL	7442.	6415.		3528.49		117.75	513.11	529.27
EQUIPMENT IN BARNS								
---- CRATES	2114.	2114.	15	1162.86	100	22.86	126.00	174.43
---- PENS ---- FT.	189.	189.	5	104.11	100	10.71	35.36	15.62
---- WATERERS	379.	379.	25	208.21	100	5.71	13.85	31.23
---- SELF-FEEDERS	7.	7.	2	3.93	100	3.57	3.21	0.59
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	116.	116.	9	64.04	100	1.07	11.25	9.61
---- VENTILATION	357.	357.	10	196.43	100	0.71	32.14	29.46
---- OTHER	100.	100.	12	55.00	100	4.29	7.21	8.25
SUB-TOTAL	3263.	3263.		1794.57		48.93	229.02	269.19
EXTRA EQUIPMENT								
WELL AND WATER LINES	3144.	2619.	24	1440.67	83	10.71	99.76	216.10
SCALE ---- LB. CAPACITY								
TRUCKS 1) 1/2 OR 3/4 TON	3686.	1497.	5	823.39	41	797.30	275.77	123.51
2) ONE OR TWO TON	3068.	2006.	8	1103.54	65	690.24	223.29	165.53
3) 3 TON	2750.	1061.	10	583.39	39	72.65	95.46	87.51
TRACTORS 1) UP TO 75 H.P.	871.	450.	10	247.74	52	253.13	40.29	37.16
2) 76 TO 110 H.P.	5821.	2475.	7	1361.45	43	786.10	333.84	204.22
3) OVER 110 H.P.	11929.	6226.	13	3424.14	52	617.93	424.29	513.62
STANDBY GENERATOR	468.	468.	14	257.48	100	7.14	29.62	38.62
PRESSURE WASHER	111.	108.	6	59.13	97	4.85	16.90	8.87
TOOLS AND VET., EQUIPMENT	355.	291.	9	159.89	82	29.54	27.72	23.98
GRAIN AUGER	904.	618.	9	339.82	68	6.84	60.30	50.97
OTHER	442.	306.	12	168.30	69	7.17	22.22	25.24
SUB-TOTAL	33548.	18125.		9968.93		3283.41	1649.65	1495.34
L/ND - BLDGS. SITE « PASTURE	3653.	3352.		3352.00	92			502.80
TOTAL INVESTMENT	118700.	101285.		61698.43		4475.12	5626.88	9254.76

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: REGION 5
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
--SOWS $201/HEAD	15248.	15248.		15248.42	100			2287.26
--BOARS $453/HEAD	1813.	1750.		1750.00	97			262.50
---GILTS $---/HEAD								
SUB-TOTAL	17062.	16998.		16998.42		0.00	0.00	2549.76
BUILDINGS								
FARROWING BARN	37860.	37860.	17	20822.77	100	695.00	1994.86	3123.42
WEANING BARN	11844.	11844.	14	6514.44	100	274.89	756.30	977.17
DRY SOW BARN	21262.	21262.	15	11694.24	100	103.00	1252.85	1754.14
GROWER-FINISHER BARN	32442.	31768.	13	17472.53	98	483.23	2279.63	2620.88
OFFICE BUILDING	383.	383.	20	210.53	100	9.58	17.23	31.58
ELECTRICAL FOR COMPLETE UNIT								
OTHER	1785.	1785.	10	981.89	100	78.95	160.67	147.28
SUB-TOTAL	105576.	104903.		57696.41		1644.65	6461.54	8654.46
OTHER BUILDINGS								
BARNS	583.	583.	7	320.68	100	19.37	79.94	48.10
SHEDS	1446.	1151.	10	633.18	80	113.01	102.38	94.98
FEED TROUGHS	8.	8.	1	4.34	100		7.11	0.65
SELF-FEEDERS								
FENCING	238.	238.	7	131.12	100	35.89	31.72	19.67
OTHER								
OTHER								
SUB-TOTAL	2275.	1981.		1089.33		168.28	221.15	163.40
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	816.	816.		815.79	100			122.37
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	2782.	2782.	5	1530.32	100	22.68	486.84	229.55
MANURE SPREADER	618.	328.	4	180.50	53	11.22	71.53	27.08
SUBMERSIBLE PUMP OR AGITATOR	305.	305.	10	167.89	100		27.47	25.18
OTHER								
SUB-TOTAL	4521.	4232.		2694.50		33.91	585.84	404.18
FEED STORAGE								
---- STEEL BINS	6883.	6393.	21	3515.92	93	48.88	268.61	527.39
---- WOODEN BINS	1197.	1065.	7	585.71	89		145.08	87.86
---- FEED BINS ---- TONNES	1773.	1773.	15	975.18	100	0.66	108.38	146.28
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	9853.	9231.		5076.82		49.54	522.08	761.52
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	8812.	8812.	18	4846.85	100	73.68	440.51	727.03
FEED CONVEYORS	929.	929.	15	510.83	100		55.73	76.63
GRINDER								
MOBILE GRINDER/MIXER	2330.	2250.	4	1237.69	97	25.42	462.75	185.65
FEED CART	33.	33.	7	18.26	100		4.05	2.74
OTHER								
SUB-TOTAL	12104.	12025.		6613.64		99.10	963.04	992.05
EQUIPMENT IN BARNS								
---- CRATES	156.	156.	7	85.76	100	7.89	20.66	12.86
---- PENS ---- FT.	130.	130.	5	71.38	100		22.29	10.71
---- WATERERS	93.	93.	3	51.41	100	1.05	25.79	7.71
---- SELF-FEEDERS	223.	223.	7	122.60	100		28.98	18.39
---- INDIVIDUAL STALLS	72.	72.	5	39.47	100	2.63	12.92	5.92
---- HEAT LAMPS	9.	9.	3	4.68	100	0.63	2.29	0.70
---- VENTILATION	20.	20.	8	10.83	100	8.42	2.20	1.62
---- OTHER	66.	66.	10	36.18	100		5.92	5.43
SUB-TOTAL	768.	768.		422.31		20.63	121.05	63.35
EXTRA EQUIPMENT								
WELL AND WATER LINES	3329.	2489.	19	1369.22	75	71.83	115.58	205.38
SCALE ---- LB. CAPACITY	182.	182.	8	99.98	100	6.32	20.69	15.00
TRUCKS 1) 1/2 OR 3/4 TON	4384.	1440.	3	791.84	33	443.52	461.23	118.78
2) ONE OR TWO TON	2322.	1378.	7	757.93	59	310.12	178.52	113.69
3) 3 TON	6659.	3141.	7	1727.34	47	606.27	416.35	259.10
TRACTORS 1) UP TO 75 H.P.	4186.	3317.	7	1824.62	79	683.67	457.20	273.69
2) 76 TO 110 H.P.	8511.	3323.	5	1827.64	39	966.64	585.14	274.15
3) OVER 110 H.P.	17647.	6805.	9	3742.75	39	1026.63	688.29	561.41
STANDBY GENERATOR	1486.	1335.	17	734.46	90		70.20	110.17
PRESSURE WASHER	309.	308.	3	169.27	100	9.18	85.09	25.39
TOOLS AND VET., EQUIPMENT	383.	290.	4	159.42	76		64.32	23.91
GRAIN AUGER	956.	464.	6	254.99	48	29.85	64.40	38.25
OTHER	26.	26.	5	14.47	100		4.74	2.17
SUB-TOTAL	50380.	24498.		13473.93		4154.02	3211.74	2021.09
LAND - BLDGS. SITE & PASTURE	8121.	8037.		8036.84	99			1205.53
TOTAL INVESTMENT	210659.	182671.		112102.20		6170.12	12086.43	16815.33

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: REGION 6
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
42 SOWS $200/HEAD	8404.	6202.		6201.92	74			930.29
3 BOARS $339/HEAD	1016.	582.		581.54	57			87.23
---GILTS $---/HEAD								
SUB-TOTAL	9420.	6783.		6783.46		0.00	0.00	1017.52
BUILDINGS								
FARROWING BARN	27096.	27096.	19	14902.84	100	250.77	1263.49	2235.43
WEANING BARN	4615.	4615.	15	2538.46	100	92.31	276.92	380.77
DRY SOW BARN	5484.	5484.	19	3016.20	100	30.77	259.04	452.43
GROWER-FINISHER BARN	16711.	16711.	16	9190.92	100	158.46	932.94	1378.64
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	53906.	53906.		29648.43		532.31	2732.39	4447.26
OTHER BUILDINGS								
BARNS	1492.	1492.	8	820.77	100	25.38	169.96	123.12
SHEDS	1321.	1321.	7	726.42	100	31.54	164.30	108.96
FEED TROUGHS	146.	146.	6	80.09	100	16.92	21.02	12.01
SELF-FEEDERS	135.	135.	10	74.04	100		12.12	11.11
FENCING	1372.	1372.	11	754.60	100	68.85	117.21	113.19
OTHER								
OTHER								
SUB-TOTAL	4465.	4465.		2455.92		142.69	484.60	368.39
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	1515.	1052.	8	578.35	69	19.22	120.88	86.75
MANURE SPREADER	504.	485.	10	266.54	96	14.80	45.69	39.98
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	2019.	1536.		844.88		34.01	166.58	126.73
FEED STORAGE								
---- STEEL BINS	3878.	3166.	20	1741.47	82		145.93	261.22
---- WOODEN BINS	923.	696.	7	382.88	75	66.42	85.04	57.43
---- FEED BINS ---- TONNES	679.	679.	11	373.28	100	16.92	55.00	55.99
HIGH MOISTURE GRAIN								
OTHER	19.	19.	7	10.58	100	6.54	2.42	1.59
SUB-TOTAL	5499.	4560.		2508.21		89.89	288.39	376.23
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	6100.	6100.	11	3355.21	100	64.23	485.73	503.28
FEED CONVEYORS								
GRINDER	192.	96.	5	52.88	50	1.92	17.31	7.93
MOBILE GRINDER/MIXER	3538.	2417.	5	1329.52	68	79.61	401.65	199.43
FEED CART								
OTHER								
SUB-TOTAL	9831.	8614.		4737.62		145.77	904.68	710.64
EQUIPMENT IN BARNS								
---- CRATES	154.	154.	13	84.62	100	8.46	11.08	12.69
---- PENS ---- FT.								
---- WATERERS	50.	50.	7	27.50	100	1.92	6.92	4.12
---- SELF-FEEDERS	77.	77.	20	42.31	100	3.85	3.46	6.35
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	13.	13.	5	7.19	100	5.54	2.35	1.08
---- VENTILATION								
---- OTHER	8.	8.	20	4.23	100	0.77	0.35	0.63
SUB-TOTAL	302.	302.		165.85		20.54	24.16	24.88
EXTRA EQUIPMENT								
WELL AND WATER LINES	4405.	2964.	14	1630.08	67	38.71	186.06	244.51
SCALE ---- LB. CAPACITY								
TRUCKS 1) 1/2 OR 3/4 TON	4838.	1715.	5	943.21	35	434.89	306.22	141.48
2) ONE OR TWO TON	1077.	460.	2	252.79	43	245.02	219.98	37.92
3) 3 TON	4538.	3208.	6	1764.23	71	562.09	474.48	264.63
TRACTORS 1) UP TO 75 H.P.	1377.	257.	5	141.31	19	210.94	43.67	21.20
2) 76 TO 110 H.P.	11385.	2762.	10	1518.85	24	929.84	256.98	227.83
3) OVER 110 H.P.	9538.	2471.	8	1359.13	26	624.15	267.40	203.87
STANDBY GENERATOR	279.	279.	14	153.20	100	9.23	18.30	22.98
PRESSURE WASHER	404.	390.	5	214.71	97	1.86	69.19	32.21
TOOLS AND VET., EQUIPMENT	340.	245.	6	134.79	72	19.38	39.02	20.22
GRAIN AUGER	594.	319.	9	175.37	54	11.92	32.78	26.30
OTHER	20.	20.	15	10.92	100		1.19	1.64
SUB-TOTAL	38795.	15088.		8298.57		3088.03	1915.28	1244.79
LAND - BLDGS. SITE & PASTURE	6058.	6058.		6057.69	100			908.65
TOTAL INVESTMENT	130296.	101313.		61500.63		4033.24	6516.08	9225.09

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FARROW-FINISH FOR: REGION 7
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	--------COSTS PER YEAR-------- OPER.	DEPR.	INTER.
LIVESTOCK								
46 SOWS $163/HEAD	7480.	4849.		4849.29	65			727.39
4 BOARS $200/HEAD	798.	723.		723.10	91			108.46
---GILTS $---/HEAD	23.	23.		22.86	100			3.43
SUB-TOTAL	8300.	5595.		5595.24		0.00	0.00	839.29
BUILDINGS								
FARROWING BARN	31936.	31936.	16	17564.90	100	982.38	1812.55	2634.74
WEANING BARN	993.	993.	7	546.33	100	27.14	128.08	81.95
DRY SOW BARN	13267.	13267.	6	7296.67	100	250.00	1977.21	1094.50
GROWER-FINISHER BARN	9425.	9425.	11	5183.72	100	333.76	750.11	777.56
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	128.	128.	7	70.58	100	11.43	16.40	10.59
OTHER	52.	52.	4	28.55	100		10.50	4.28
SUB-TOTAL	55801.	55801.		30690.76		1604.71	4694.86	4603.61
OTHER BUILDINGS								
BARNS	132.	132.	4	72.73	100	19.05	30.94	10.91
SHEDS	57.	57.	9	31.43	100	2.38	5.57	4.71
FEED TROUGHS	51.	51.	4	28.02	100	25.71	10.55	4.20
SELF-FEEDERS	119.	119.	7	65.48	100		14.76	9.82
FENCING	164.	164.	5	90.04	100	29.05	28.48	13.51
OTHER								
OTHER								
SUB-TOTAL	523.	523.		287.70		76.19	90.30	43.16
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	743.	743.		742.86	100	1.43		111.43
STORAGE PIT								
FARROWING BARN	76.	76.	10	41.90	100		6.86	6.29
GROWER-FINISHING BARN	324.	324.	19	178.10	100	2.38	15.31	26.71
LIQUID MANURE SPREADER	1064.	1064.	6	585.36	100	69.05	173.50	87.80
MANURE SPREADER	2408.	2363.	5	1299.38	98	123.32	411.07	194.91
SUBMERSIBLE PUMP OR AGITATOR	353.	353.	10	194.36	100	25.00	32.61	29.15
OTHER	414.	414.	6	227.86	100	19.05	63.57	34.18
SUB-TOTAL	5383.	5337.		3269.81		240.23	702.92	490.47
FEED STORAGE								
---- STEEL BINS	6633.	5797.	19	3188.39	87	41.62	277.01	478.26
---- WOODEN BINS	1733.	1339.	8	736.70	77	56.48	143.58	110.50
---- FEED BINS ---- TONNES	281.	257.	14	141.43	92	26.59	16.55	21.21
HIGH MOISTURE GRAIN	95.	48.	10	26.19	50	14.29	4.29	3.93
OTHER								
SUB-TOTAL	8743.	7441.		4092.71		138.97	441.42	613.91
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	3695.	3695.	12	2032.38	100	97.62	283.78	304.86
FEED CONVEYORS	357.	357.	10	196.43	100		32.14	29.46
GRINDER	115.	55.	4	30.02	47	3.11	12.57	4.50
MOBILE GRINDER/MIXER	1582.	1463.	5	804.69	92	258.34	277.17	120.70
FEED CART								
OTHER								
SUB-TOTAL	5750.	5570.		3063.52		359.06	605.66	459.53
EQUIPMENT IN BARNS								
---- CRATES	245.	245.	1	134.80	100	42.86	173.62	20.22
---- PENS ---- FT.	63.	63.	10	34.83	100	3.81	5.57	5.22
---- WATERERS	96.	96.	7	52.59	100	8.00	12.71	7.89
---- SELF-FEEDERS	5.	5.	8	2.62	100		0.54	0.39
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	47.	47.	4	25.77	100	5.00	11.55	3.87
---- VENTILATION	42.	42.	3	23.18	100	15.24	13.36	3.48
---- OTHER	110.	110.	7	60.24	100	7.14	15.00	9.04
SUB-TOTAL	607.	607.		334.03		82.05	232.34	50.10
EXTRA EQUIPMENT								
WELL AND WATER LINES	4483.	2475.	14	1361.47	55	33.39	154.79	204.22
SCALE ---- LB. CAPACITY	49.	49.	8	26.71	100	0.24	5.36	4.01
TRUCKS 1) 1/2 OR 3/4 TON	2267.	973.	3	534.94	43	853.54	292.14	80.24
2) ONE OR TWO TON	3668.	1618.	6	889.91	44	609.80	258.93	133.49
3) 3 TON	5471.	2798.	5	1538.69	51	1091.02	475.24	230.80
TRACTORS 1) UP TO 75 H.P.	8038.	1358.	6	746.95	17	353.85	198.93	112.04
2) 76 TO 110 H.P.	16514.	7408.	5	4074.32	45	2310.23	1448.70	611.15
3) OVER 110 H.P.	12081.	3034.	11	1668.86	25	911.74	256.51	250.33
STANDBY GENERATOR	1548.	730.	9	401.37	47	51.64	73.39	60.21
PRESSURE WASHER	114.	109.	4	59.98	95	4.54	23.49	9.00
TOOLS AND VET., EQUIPMENT	155.	150.	5	82.46	97	11.73	25.78	12.37
GRAIN AUGER	608.	380.	5	208.87	62	68.73	74.81	31.33
OTHER	1058.	876.	10	481.97	83	72.86	78.78	72.30
SUB-TOTAL	56054.	21957.		12076.50		6373.32	3366.83	1811.47
LAND - BLDGS. SITE & PASTURE	3848.	3848.		3847.62	100			577.14
TOTAL INVESTMENT	145010.	106681.		63257.88		8874.53	10134.33	9488.68

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

^^^ INVESTMENT SCHEDULE ^^^

ENTERPRISE: FARROW-FINISH FOR: <50 HEAD
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
--2SOWS $177/HEAD	883.	883.		882.50	100			132.37
--1BOARS $225/HEAD	225.	225.		225.00	100			33.75
---GILTS $---/HEAD								
SUB-TOTAL	1108.	1108.		1107.50		0.00	0.00	166.12
BUILDINGS								
FARROWING BARN	2500.	2500.	10	1375.00	100		225.00	206.25
WEANING BARN								
DRY SOW BARN								
GROWER-FINISHER BARN								
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	25.	25.	10	13.75	100		2.25	2.06
OTHER								
SUB-TOTAL	2525.	2525.		1388.75		0.00	227.25	208.31
OTHER BUILDINGS								
BARNS	113.	113.	10	61.88	100		10.12	9.28
SHEDS	80.	80.	1	43.72	100		71.55	6.56
FEED TROUGHS	45.	45.	10	24.75	100		4.05	3.71
SELF-FEEDERS								
FENCING	658.	658.	10	362.04	100	50.00	59.24	54.31
OTHER								
OTHER					100			
SUB-TOTAL	895.	895.		492.39		50.00	144.97	73.86
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER								
MANURE SPREADER								
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
FEED STORAGE								
---- STEEL BINS	2000.	1383.	20	760.38	69		62.21	114.06
---- WOODEN BINS	422.	422.	10	231.96	100	12.50	37.96	34.79
---- FEED BINS ---- TONNES	125.	125.	14	68.75	100	15.00	8.05	10.31
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	2547.	1929.		1061.09		27.50	108.22	159.16
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL								
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	1267.	1162.	8	639.31	92	45.89	132.73	95.90
FEED CART								
OTHER								
SUB-TOTAL	1267.	1162.		639.31		45.89	132.73	95.90
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS								
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION								
---- OTHER								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
EXTRA EQUIPMENT								
WELL AND WATER LINES	1851.	1448.	20	796.26	78	14.67	65.15	119.44
SCALE ---- LB. CAPACITY								
TRUCKS 1) 1/2 OR 3/4 TON	2550.	192.	2	105.60	8	120.53	77.96	15.84
2) ONE OR TWO TON								
3) 3 TON	1150.	288.	4	158.13	25	33.38	64.69	23.72
TRACTORS 1) UP TO 75 H.P.	2775.	555.	4	305.25	20	61.70	124.87	45.79
2) 76 TO 110 H.P.	5125.	556.	5	305.94	11	248.93	106.87	45.89
3) OVER 110 H.P.								
STANDBY GENERATOR								
PRESSURE WASHER								
TOOLS AND VET., EQUIPMENT	50.	17.	10	9.07	33	0.41	1.48	1.36
GRAIN AUGER	550.	74.	8	40.56	13	1.84	8.21	6.08
OTHER	2500.	2500.	20	1375.00	100		112.50	206.25
SUB-TOTAL	16551.	5629.		3095.81		481.45	561.75	464.37
LAND - BLDGS. SITE < PASTURE	2700.	2700.		2700.00	100	12.50		405.00
TOTAL INVESTMENT	27592.	15948.		10484.84		617.34	1174.91	1572.73

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

▲▲▲ INVESTMENT SCHEDULE ▲▲▲

ENTERPRISE: FARROW-FINISH FOR: 50-99 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
8 SOWS $156/HEAD	1250.	1050.		1050.00	84			157.50
1 BOARS $156/HEAD	156.	106.		105.83	68			15.87
---GILTS $---/HEAD								
SUB-TOTAL	1406.	1156.		1155.83		0.00	0.00	173.37
BUILDINGS								
FARROWING BARN	3435.	3085.	10	1696.84	90	82.33	265.66	254.53
WEANING BARN								
DRY SOW BARN								
GROWER-FINISHER BARN	1471.	1471.	15	808.87	100	16.67	88.24	121.33
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	4906.	4556.		2505.71		98.99	353.90	375.86
OTHER BUILDINGS								
BARNS	167.	167.	8	91.67	100	16.67	18.75	13.75
SHEDS	339.	339.	2	186.36	100	32.50	127.35	27.95
FEED TROUGHS	210.	210.	11	115.50	100	3.33	17.55	17.32
SELF-FEEDERS	292.	292.	10	160.42	100		26.25	24.06
FENCING	272.	272.	3	149.69	100	19.17	80.40	22.45
OTHER								
OTHER								
SUB-TOTAL	1279.	1279.		703.63		71.67	270.30	105.54
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER								
MANURE SPREADER	217.	175.	5	96.25	81	13.46	31.50	14.44
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	217.	175.		96.25		13.46	31.50	14.44
FEED STORAGE								
---- STEEL BINS	1833.	873.	20	480.33	48		39.30	72.05
---- WOODEN BINS	702.	284.	9	156.25	40	40.50	28.63	23.44
---- FEED BINS ---- TONNES	100.	100.	3	55.00	100	10.00	26.57	8.25
HIGH MOISTURE GRAIN								
OTHER	8.	8.	5	4.58	100		1.50	0.69
SUB-TOTAL	2643.	1266.		696.16		50.50	96.01	104.42
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	29.	29.	10	16.04	100	3.33	2.62	2.41
FEED CONVEYORS								
GRINDER	467.	258.	5	142.08	55	5.17	45.00	21.31
MOBILE GRINDER/MIXER	1250.	746.	6	410.21	60	21.38	104.62	61.53
FEED CART								
OTHER								
SUB-TOTAL	1746.	1033.		568.33		29.88	152.25	85.25
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS	50.	50.	10	27.50	100		4.50	4.12
---- SELF-FEEDERS	167.	167.	20	91.67	100	8.33	7.50	13.75
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION								
---- OTHER	33.	33.	20	18.33	100	1.67	1.50	2.75
SUB-TOTAL	250.	250.		137.50		10.00	13.50	20.62
EXTRA EQUIPMENT								
WELL AND WATER LINES	1874.	1038.	17	571.15	55	5.82	55.58	85.67
SCALE ---- LB. CAPACITY								
TRUCKS 1) 1/2 OR 3/4 TON	2250.	588.	3	323.13	26	319.65	159.00	48.47
2) ONE OR TWO TON	208.	83.	4	45.83	40	35.47	18.75	6.87
3) 3 TON	833.	125.	10	68.75	15	15.62	11.25	10.31
TRACTORS 1) UP TO 75 H.P.	2200.	526.	8	289.30	24	161.82	58.43	43.39
2) 76 TO 110 H.P.	9667.	1050.	9	577.50	11	407.49	99.75	86.62
3) OVER 110 H.P.	7500.	521.	10	286.46	7	149.65	46.87	42.97
STANDBY GENERATOR								
PRESSURE WASHER								
TOOLS AND VET., EQUIPMENT	62.	23.	10	12.83	38	2.84	2.05	1.92
GRAIN AUGER	458.	132.	9	72.42	29	2.47	13.92	10.86
OTHER	198.	106.	7	58.12	53	1.78	14.34	8.72
SUB-TOTAL	25250.	4192.		2305.49		1102.62	479.95	345.82
LAND - BLDGS. SITE * PASTURE	4990.	4990.		4990.33	100			748.55
TOTAL INVESTMENT	42687.	18897.		13159.24		1377.12	1397.42	1973.89

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: 100-199 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
--14SOWS $193/HEAD	2703.	1790.		1790.00	66			268.50
--1BOARS $311/HEAD	311.	311.		310.67	100			46.60
---GILTS $---/HEAD								
SUB-TOTAL	3014.	2101.		2100.67		0.00	0.00	315.10
BUILDINGS								
FARROWING BARN	15360.	15294.	20	8411.44	100	120.14	702.53	1261.72
WEANING BARN	200.	200.	6	110.00	100	2.67	20.33	16.50
DRY SOW BARN	107.	107.	4	58.67	100	17.33	25.43	8.80
GROWER-FINISHER BARN	4361.	4361.	25	2398.29	100	50.00	155.61	359.74
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	46.	46.	3	25.48	100	6.00	13.05	3.82
OTHER	6.	6.	2	3.30	100		2.70	0.49
SUB-TOTAL	20080.	20013.		11007.19		196.14	927.66	1651.08
OTHER BUILDINGS								
BARNS	729.	562.	22	309.17	77	7.71	22.99	46.38
SHEDS	112.	112.	4	61.34	100	3.33	26.53	9.20
FEED TROUGHS	37.	37.	2	20.17	100	6.00	17.00	3.02
SELF-FEEDERS	20.	20.	10	11.00	100		1.80	1.65
FENCING	120.	120.	7	66.18	100	24.00	16.37	9.93
OTHER								
OTHER								
SUB-TOTAL	1017.	851.		467.87		41.05	84.69	70.18
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	40.	40.		40.00	100	2.00		6.00
STORAGE PIT								
FARROWING BARN	107.	107.	10	58.67	100		9.60	8.80
GROWER-FINISHING BARN	53.	53.	14	29.33	100	3.33	3.43	4.40
LIQUID MANURE SPREADER	143.	77.	6	42.17	53		12.00	6.32
MANURE SPREADER	1072.	464.	7	255.42	43	9.53	58.88	38.31
SUBMERSIBLE PUMP OR AGITATOR	27.	27.	10	14.67	100	1.67	2.40	2.20
OTHER								
SUB-TOTAL	1442.	768.		440.25		16.53	86.30	66.04
FEED STORAGE								
---- STEEL BINS	1365.	866.	11	476.45	63		70.40	71.47
---- WOODEN BINS	1206.	761.	8	418.79	63	30.93	84.21	62.82
---- FEED BINS ---- TONNES	37.	37.	9	20.17	100	0.67	3.82	3.02
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	2608.	1664.		915.41		31.59	158.43	137.31
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL								
FEED CONVEYORS								
GRINDER	162.	76.	4	42.03	47	4.35	17.60	6.30
MOBILE GRINDER/MIXER	2060.	1895.	6	1042.12	92	76.67	285.04	156.32
FEED CART								
OTHER								
SUB-TOTAL	2221.	1971.		1084.15		81.02	302.64	162.62
EQUIPMENT IN BARNS								
---- CRATES	47.	47.	9	25.67	100	5.33	4.67	3.85
---- PENS ---- FT.	2.	2.	1	1.10	100	5.33	1.80	0.16
---- WATERERS	91.	91.	6	49.87	100	6.53	13.95	7.48
---- SELF-FEEDERS	33.	33.	5	18.33	100	3.33	5.75	2.75
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	27.	27.	2	14.85	100	9.27	11.10	2.23
---- VENTILATION	26.	26.	6	14.26	100	1.33	3.68	2.14
---- OTHER								
SUB-TOTAL	226.	226.		124.08		31.13	40.95	18.61
EXTRA EQUIPMENT								
WELL AND WATER LINES	2253.	1189.	16	653.81	53	45.02	65.70	98.07
SCALE ---- LB. CAPACITY	23.	23.	28	12.83	100	4.00	0.75	1.92
TRUCKS 1) 1/2 OR 3/4 TON	4053.	650.	4	357.68	16	357.83	141.74	53.65
2) ONE OR TWO TON	2288.	361.	8	198.67	16	40.76	41.90	29.80
3) 3 TON	2033.	223.	6	122.83	11	52.15	34.35	18.42
TRACTORS 1) UP TO 75 H.P.	2800.	1007.	8	553.67	36	272.33	110.40	83.05
2) 76 TO 110 H.P.	7552.	1249.	6	686.90	17	281.53	190.54	103.03
3) OVER 110 H.P.	12400.	1674.	5	920.52	13	419.27	276.64	138.08
STANDBY GENERATOR								
PRESSURE WASHER	20.	4.	10	2.20	20		0.36	0.33
TOOLS AND VET., EQUIPMENT	35.	35.	8	19.03	98	2.94	4.01	2.85
GRAIN AUGER	317.	118.	10	64.90	37	1.37	10.85	9.73
OTHER	522.	401.	7	220.46	77	49.23	53.40	33.07
SUB-TOTAL	34297.	6934.		3813.52		1532.42	930.65	572.03
LAND - BLDGS. SITE & PASTURE	2247.	2247.		2246.67	100			337.00
TOTAL INVESTMENT	67152.	36774.		22199.80		1929.88	2531.32	3329.97

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: 200-499 HEAD
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
29SOWS $172/HEAD	5089.	4534.		4533.60	89			680.04
4BOARS $292/HEAD	529.	468.		468.00	89			70.20
---GILTS $---/HEAD	19.	19.		19.20	100			2.88
SUB-TOTAL	5637.	5021.		5020.80		0.00	0.00	753.12
BUILDINGS								
FARROWING BARN	19240.	19240.	17	10581.96	100	477.22	1023.87	1587.29
WEANING BARN	1316.	1316.	10	723.94	100	23.62	117.47	108.59
DRY SOW BARN	1698.	1698.	18	933.77	100	26.34	84.98	140.07
GROWER-FINISHER BARN	11017.	11017.	18	6059.37	100	223.50	565.83	908.91
OFFICE BUILDING	3200.	3200.	30	1760.00	100	60.00	96.00	264.00
ELECTRICAL FOR COMPLETE UNIT	4.	4.	19	2.20	100	4.00	0.19	0.33
OTHER	40.	40.	5	22.00	100		7.20	3.30
SUB-TOTAL	36515.	36515.		20083.24		814.68	1895.53	3012.49
OTHER BUILDINGS								
BARNS	1351.	1351.	18	742.92	100	25.20	67.15	111.44
SHEDS	548.	548.	15	301.54	100	29.00	32.56	45.23
FEED TROUGHS	20.	20.	2	10.78	100	4.00	9.81	1.62
SELF-FEEDERS	88.	88.	7	48.40	100		11.31	7.26
FENCING	348.	348.	7	191.25	100	35.20	47.88	28.69
OTHER								
OTHER					100			
SUB-TOTAL	2354.	2354.		1294.90		93.40	168.71	194.23
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN	40.	40.	15	22.00	100		2.40	3.30
LIQUID MANURE SPREADER	1476.	1154.	9	634.92	78	29.38	120.11	95.24
MANURE SPREADER	694.	672.	7	369.33	97	15.48	84.91	55.40
SUBMERSIBLE PUMP OR AGITATOR	1.	1.	1	0.46	100		0.76	0.07
OTHER	188.	188.	6	103.40	100	12.00	29.40	15.51
SUB-TOTAL	2399.	2055.		1130.11		56.86	237.57	169.52
FEED STORAGE								
---- STEEL BINS	3231.	2733.	22	1502.97	85	3.81	111.32	225.44
---- WOODEN BINS	612.	498.	8	274.14	81	27.60	56.48	41.12
---- FEED BINS ---- TONNES	865.	805.	15	442.88	93	27.55	47.62	66.43
HIGH MOISTURE GRAIN	80.	40.	10	22.00	50	12.00	3.60	3.30
OTHER	144.	144.	30	79.20	100		4.32	11.88
SUB-TOTAL	4932.	4220.		2321.18		70.96	223.34	348.18
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	1980.	1660.	18	913.00	84	5.87	82.80	136.95
FEED CONVEYORS								
GRINDER	128.	128.	14	70.40	100	2.40	8.23	10.56
MOBILE GRINDER/MIXER	2366.	1781.	5	979.47	75	123.97	329.05	146.92
FEED CART								
OTHER								
SUB-TOTAL	4474.	3569.		1962.87		132.24	420.07	294.43
EQUIPMENT IN BARNS								
---- CRATES	470.	470.	2	258.43	100	25.60	177.85	38.77
---- PENS ---- FT.	6.	6.	3	3.30	100	6.00	1.80	0.49
---- WATERERS	17.	17.	4	9.14	100	1.60	3.53	1.37
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	24.	24.	4	13.29	100	0.60	5.20	1.99
---- VENTILATION	36.	36.	10	19.80	100		3.24	2.97
---- OTHER	128.	128.	7	70.40	100	6.40	16.10	10.56
SUB-TOTAL	681.	681.		374.36		40.20	207.72	56.15
EXTRA EQUIPMENT								
WELL AND WATER LINES	3372.	2157.	18	1186.33	64	91.47	107.24	177.95
SCALE ---- LB. CAPACITY	27.	27.	3	14.96	100	0.20	7.27	2.24
TRUCKS 1) 1/2 OR 3/4 TON	3843.	1616.	4	888.96	42	714.63	403.79	133.34
2) ONE OR TWO TON	836.	548.	8	301.62	66	210.54	61.56	45.24
3) 3 TON	2447.	952.	9	523.80	39	93.83	97.52	78.57
TRACTORS 1) UP TO 75 H.P.	3141.	977.	6	537.20	31	252.22	157.11	80.58
2) 76 TO 110 H.P.	11402.	3406.	7	1873.19	30	845.77	456.83	280.98
3) OVER 110 H.P.	7348.	3171.	8	1744.05	43	338.88	372.20	261.61
STANDBY GENERATOR	292.	142.	25	78.21	49		5.20	11.73
PRESSURE WASHER	177.	140.	5	76.89	79	3.16	25.57	11.53
TOOLS AND VET., EQUIPMENT	158.	91.	5	50.02	57	8.15	17.26	7.50
GRAIN AUGER	601.	461.	9	253.33	77	15.08	47.46	38.00
OTHER	252.	163.	13	89.54	65	21.63	11.34	13.43
SUB-TOTAL	33896.	13851.		7618.10		2595.54	1770.37	1142.72
LAND - BLDGS. SITE + PASTURE	3415.	3346.		3345.72	98			501.86
TOTAL INVESTMENT	94302.	71612.		43151.28		3803.87	4923.32	6472.69

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: 500-999 HEAD
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
66 SOWS @206/HEAD	13616.	13132.		13132.22	96			
4 BOARS @350/HEAD	1384.	1277.		1276.85	92			1969.83
---GILTS @---/HEAD								191.53
SUB-TOTAL	15001.	14409.		14409.07		0.00	0.00	2161.36
BUILDINGS								
FARROWING BARN	37929.	37929.	18	20860.93	100	650.67	1876.76	3129.14
WEANING BARN	7927.	7927.	16	4359.80	100	736.11	456.03	653.97
DRY SOW BARN	11369.	11369.	15	6252.73	100	308.30	663.36	937.91
GROWER-FINISHER BARN	32793.	32319.	13	17775.36	99	772.59	2173.96	2666.30
OFFICE BUILDING	1045.	1045.	20	574.71	100	16.30	47.02	86.21
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	91062.	90588.		49823.53		2483.96	5217.14	7473.53
OTHER BUILDINGS								
BARNS	709.	709.	8	389.75	100	72.96	80.11	58.46
SHEDS	611.	404.	8	222.04	66	68.51	45.39	33.31
FEED TROUGHS	64.	64.	6	35.30	100	7.41	9.89	5.30
SELF-FEEDERS								
FENCING	335.	335.	8	184.36	100	15.19	38.50	27.65
OTHER								
OTHER					100			
SUB-TOTAL	1719.	1512.		831.44		164.06	173.88	124.72
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	596.	596.		596.30	100	9.26		89.44
STORAGE PIT								
FARROWING BARN	44.	44.	20	24.44	100		2.00	3.67
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	2859.	2636.	6	1449.57	92	49.20	421.37	217.44
MANURE SPREADER	1447.	1300.	7	714.89	90	55.05	160.70	107.23
SUBMERSIBLE PUMP OR AGITATOR	278.	278.	11	152.78	100	1.85	23.67	22.92
OTHER								
SUB-TOTAL	5225.	4854.		2937.97		115.37	607.73	440.70
FEED STORAGE								
---- STEEL BINS	5075.	4812.	24	2646.67	95	42.14	181.42	397.00
---- WOODEN BINS	1070.	958.	7	527.09	90	8.62	119.07	79.06
---- FEED BINS ---- TONNES	989.	989.	12	544.02	100	8.24	77.34	81.60
HIGH MOISTURE GRAIN								
OTHER	378.	230.	35	126.30	61	6.08	5.83	18.94
SUB-TOTAL	7512.	6989.		3844.08		65.08	383.66	576.61
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	5387.	5387.	15	2962.96	100	94.07	327.99	444.44
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	2882.	2558.	4	1407.02	89	78.89	576.92	211.05
FEED CART	22.	22.	12	12.04	100	3.70	1.70	1.81
OTHER								
SUB-TOTAL	8291.	7967.		4382.02		176.67	906.61	657.30
EQUIPMENT IN BARNS								
---- CRATES	369.	369.	13	202.94	100	11.48	25.43	30.44
---- PENS ---- FT.	91.	91.	5	50.23	100		15.68	7.53
---- WATERERS	267.	267.	10	146.85	100	4.81	22.90	22.03
---- SELF-FEEDERS	256.	256.	8	140.77	100	2.22	30.30	21.11
---- INDIVIDUAL STALLS	51.	51.	5	27.78	100	1.85	9.09	4.17
---- HEAT LAMPS	61.	61.	10	33.34	100		5.58	5.00
---- VENTILATION	186.	186.	10	102.06	100	6.30	17.00	15.31
---- OTHER	46.	46.	10	25.46	100		4.17	3.82
SUB-TOTAL	1326.	1326.		729.42		26.67	130.15	109.41
EXTRA EQUIPMENT								
WELL AND WATER LINES	4086.	3101.	20	1705.78	76	49.76	139.80	255.87
SCALE ---- LB. CAPACITY	83.	83.	14	45.53	100	4.44	5.50	6.83
TRUCKS 1) 1/2 OR 3/4 TON	3808.	1532.	3	842.47	40	372.10	460.39	126.37
2) ONE OR TWO TON	1697.	1235.	5	679.11	73	496.35	213.84	101.87
3) 3 TON	5012.	2434.	8	1338.86	49	418.07	288.37	200.83
TRACTORS 1) UP TO 75 H.P.	4022.	2204.	6	1212.34	55	519.47	340.73	181.85
2) 76 TO 110 H.P.	6710.	3191.	4	1754.93	48	1041.09	641.75	263.24
3) OVER 110 H.P.	10694.	4827.	15	2654.67	45	544.69	289.11	398.20
STANDBY GENERATOR	1444.	1061.	14	583.61	73	11.85	67.76	87.54
PRESSURE WASHER	630.	529.	9	291.20	84	4.29	54.77	43.68
TOOLS AND VET., EQUIPMENT	222.	203.	7	111.39	91	9.31	25.99	16.71
GRAIN AUGER	890.	547.	8	301.10	61	22.31	58.12	45.17
OTHER	621.	406.	9	223.22	65	23.01	41.04	33.48
SUB-TOTAL	39921.	21353.		11744.21		3716.73	2627.16	1761.63
LAND - BLDGS. SITE & PASTURE	6237.	6085.		6085.41	98			912.81
TOTAL INVESTMENT	176295.	155084.		94787.14		6748.54	10046.33	14218.07

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: 1000-1499 HEAD
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
102SOWS $214/HEAD	21870.	21870.		21869.64	100			3280.45
--9BOARS $376/HEAD	2254.	2254.		2253.57	100			338.04
---GILTS $---/HEAD	143.	143.		142.86	100			21.43
SUB-TOTAL	24266.	24266.		24266.07		0.00	0.00	3639.91
BUILDINGS								
FARROWING BARN	38669.	38669.	12	21268.17	100	1438.43	2868.86	3190.23
WEANING BARN	15345.	15345.	9	8439.92	100	668.71	1471.49	1265.99
DRY SOW BARN	19540.	19540.	18	10746.76	100	260.71	970.12	1612.01
GROWER-FINISHER BARN	55957.	55957.	12	30776.42	100	942.71	4349.09	4616.46
OFFICE BUILDING	53.	53.	20	29.15	100		2.38	4.37
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	129564.	129564.		71260.42		3310.57	9661.95	10689.06
OTHER BUILDINGS								
BARNS	3979.	3979.	7	2188.21	100	308.43	520.42	328.23
SHEDS	1487.	1487.	10	817.69	100	18.36	136.66	122.65
FEED TROUGHS								
SELF-FEEDERS								
FENCING	208.	208.	9	114.60	100	28.00	20.23	17.19
OTHER								
OTHER								
SUB-TOTAL	5674.	5674.		3120.50		354.79	677.32	468.08
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	711.	711.		710.71	100			106.61
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	2634.	2634.	9	1448.66	100	137.29	266.31	217.30
MANURE SPREADER	5289.	4475.	6	2461.25	85	297.93	628.07	369.19
SUBMERSIBLE PUMP OR AGITATOR	429.	429.	11	235.71	100		34.29	35.36
OTHER								
SUB-TOTAL	9062.	8248.		4856.34		437.22	928.66	728.45
FEED STORAGE								
---- STEEL BINS	9042.	9042.	21	4973.06	100	6.57	389.83	745.96
---- WOODEN BINS	1100.	1100.	12	605.00	100	30.29	83.85	90.75
---- FEED BINS ---- TONNES	1631.	1631.	18	897.21	100	29.14	83.49	134.58
HIGH MOISTURE GRAIN								
OTHER	86.	86.	20	47.14	100		3.86	7.07
SUB-TOTAL	11859.	11859.		6522.41		66.00	561.04	978.36
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	13737.	13737.	14	7555.47	100	248.93	865.05	1133.32
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	2053.	1796.	4	987.72	87	106.22	401.61	148.16
FEED CART								
OTHER								
SUB-TOTAL	15790.	15533.		8543.19		355.15	1266.67	1281.48
EQUIPMENT IN BARNS								
---- CRATES	1429.	1429.	15	785.71	100	17.86	85.71	117.86
---- PENS ---- FT.	179.	179.	5	98.21	100		14	14.73
---- WATERERS								
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION	161.	161.	10	88.39	100	42.64	14.46	13.26
---- OTHER								
SUB-TOTAL	1768.	1768.		972.32		60.50	132.32	145.85
EXTRA EQUIPMENT								
WELL AND WATER LINES	7571.	3465.	21	1905.69	46	33.60	147.96	285.85
SCALE ---- LB. CAPACITY	85.	85.	9	46.91	100		8.39	7.04
TRUCKS 1) 1/2 OR 3/4 TON	2800.	1316.	7	723.63	47	337.85	173.27	108.55
2) ONE OR TWO TON	5429.	3532.	3	1942.68	65	1245.24	913.00	291.40
3) 3 TON	11036.	6134.	7	3373.46	56	1022.20	774.91	506.02
TRACTORS 1) UP TO 75 H.P.	4245.	3032.	10	1667.40	71	659.81	286.61	250.11
2) 76 TO 110 H.P.	11786.	4304.	7	2366.96	37	986.48	561.86	355.04
3) OVER 110 H.P.	6464.	4652.	7	2558.48	72	1230.41	574.55	383.77
STANDBY GENERATOR	3120.	2057.	14	1131.43	66	6.59	135.21	169.71
PRESSURE WASHER	432.	432.	4	237.68	100	26.43	90.27	35.65
TOOLS AND VET., EQUIPMENT	614.	600.	6	330.00	98	32.09	94.36	49.50
GRAIN AUGER	589.	408.	5	224.52	69	32.66	72.03	33.68
OTHER	1689.	1219.	9	670.31	72		117.40	100.55
SUB-TOTAL	55860.	31235.		17179.17		5613.38	3949.82	2576.87
LAND - BLDGS. SITE & PASTURE	6600.	6742.		6742.36	102			1011.35
TOTAL INVESTMENT	260444.	234889.		143462.78		10197.60	17177.78	21519.42

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FARROW-FINISH FOR: 1500-2499 HEAD
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
144 SOWS $192/HEAD	27650.	25520.		25519.62	92			3827.94
10 BOARS $322/HEAD	3223.	2869.		2869.23	89			430.38
---GILTS $---/HEAD					100			
SUB-TOTAL	30881.	28389.		28388.85		0.00	0.00	4258.33
BUILDINGS								
FARROWING BARN	69845.	69845.	17	38414.96	100	577.38	3806.07	5762.24
WEANING BARN	23543.	23543.	13	12948.90	100	1114.92	1636.63	1942.34
DRY SOW BARN	37750.	37750.	14	20762.54	100	92.31	2397.98	3114.38
GROWER-FINISHER BARN	49877.	49877.	12	27432.31	100	896.85	3621.96	4114.85
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	138.	138.	12	76.15	100	3.85	10.38	11.42
OTHER	3071.	3071.	11	1688.92	100	115.38	255.60	253.34
SUB-TOTAL	184225.	184225.		101323.79		2800.69	11728.64	15198.57
OTHER BUILDINGS								
BARNS	1709.	1708.	9	939.23	100	31.54	166.15	140.88
SHEDS	269.	269.	4	148.08	100	1.92	59.08	22.21
FEED TROUGHS	38.	38.	9	21.15	100	30.77	3.85	3.17
SELF-FEEDERS								
FENCING	890.	890.	18	489.58	100	34.62	44.39	73.44
OTHER								
OTHER								
SUB-TOTAL	2906.	2906.		1598.05		98.85	273.47	239.71
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	2077.	2077.		2076.92	100			311.54
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN	462.	462.	20	253.85	100		20.77	38.08
LIQUID MANURE SPREADER	6000.	5869.	7	3228.08	98	188.12	733.82	484.21
MANURE SPREADER	923.	788.	7	433.65	85	19.71	97.34	65.05
SUBMERSIBLE PUMP OR AGITATOR	538.	538.	10	296.15	100	38.46	48.46	44.42
OTHER	308.	308.	6	169.23	100	7.69	46.15	25.38
SUB-TOTAL	10308.	10042.		6457.88		253.98	946.54	968.68
FEED STORAGE								
---- STEEL BINS	9425.	9081.	23	4994.71	96	185.30	352.93	749.21
---- WOODEN BINS	831.	831.	10	456.92	100	40.38	75.71	68.54
---- FEED BINS ---- TONNES	2843.	2843.	16	1563.57	100	1.54	157.02	234.53
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	13098.	12755.		7015.20		227.22	585.67	1052.28
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	34699.	34699.	16	19084.24	100	261.54	1948.90	2862.64
FEED CONVEYORS	2473.	2473.	8	1360.07	100	23.08	294.91	204.01
GRINDER								
MOBILE GRINDER/MIXER	577.	577.	5	317.31	100	246.15	112.50	47.60
FEED CART	15.	15.	5	8.46	100		2.77	1.27
OTHER								
SUB-TOTAL	37764.	37764.		20770.07		530.77	2359.07	3115.51
EQUIPMENT IN BARNS								
---- CRATES	38.	38.	19	21.15	100	15.38	1.82	3.17
---- PENS ---- FT.	100.	100.	13	55.00	100		6.92	8.25
---- WATERERS	112.	112.	7	61.35	100	6.54	15.23	9.20
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	23.	23.	10	12.69	100	3.85	2.08	1.90
---- VENTILATION	66.	66.	3	36.38	100	23.08	19.85	5.46
---- OTHER	100.	100.	13	55.00	100	3.85	6.92	8.25
SUB-TOTAL	439.	439.		241.58		52.69	52.82	36.24
EXTRA EQUIPMENT								
WELL AND WATER LINES	9689.	6723.	19	3697.69	69	84.07	325.60	554.65
SCALE ---- LB. CAPACITY	146.	146.	9	80.38	100		14.77	12.06
TRUCKS 1) 1/2 OR 3/4 TON	2523.	1554.	4	854.62	62	697.10	378.64	128.19
2) ONE OR TWO TON	2231.	1269.	3	698.08	57	891.10	334.62	104.71
3) 3 TON	11333.	8332.	5	4582.62	74	3040.82	1507.15	687.39
TRACTORS 1) UP TO 75 H.P.	3338.	2312.	4	1271.35	69	774.74	465.37	190.70
2) 76 TO 110 H.P.	10154.	6719.	4	3695.58	66	2613.88	1399.54	554.34
3) OVER 110 H.P.	20846.	6185.	11	3401.54	30	1251.23	523.11	510.23
STANDBY GENERATOR	4895.	3450.	14	1897.39	70	109.78	214.40	284.61
PRESSURE WASHER	896.	872.	5	479.35	97	23.19	144.09	71.90
TOOLS AND VET., EQUIPMENT	738.	604.	5	332.12	82	15.73	110.04	49.82
GRAIN AUGER	692.	332.	4	182.54	48	87.07	82.91	27.38
OTHER	615.	519.	5	285.58	84	31.92	88.85	42.84
SUB-TOTAL	68098.	39016.		21458.82		9440.62	5589.09	3218.82
LAND - BLDGS. SITE + PASTURE	6546.	6546.		6546.15	100			981.92
TOTAL INVESTMENT	354265.	322082.		193800.39		13404.82	21535.30	29070.06

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

^^^ INVESTMENT SCHEDULE ^^^

ENTERPRISE: FARROW-FINISH FOR: ≥2500 HEAD
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
238/238 SOWS @211/HEAD	52742.	50872.		50871.67	96			7630.75
12/12 BOARS @393/HEAD	5902.	5902.		5901.67	100	7.87		885.25
---GILTS @---/HEAD					100			
SUB-TOTAL	58644.	56773.		56773.33		7.87	0.00	8516.00
BUILDINGS								
FARROWING BARN	100893.	100893.	11	55491.28	100	3158.87	8623.58	8323.69
WEANING BARN	50578.	50578.	10	27817.81	100	1135.13	4621.56	4172.67
DRY SOW BARN	102486.	102486.	13	56367.42	100	1170.73	7132.60	8455.11
GROWER-FINISHER BARN	121774.	121774.	12	66975.95	100	2790.80	9378.04	10046.39
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER	8524.	8524.	19	4688.13	100	677.80	410.48	703.22
SUB-TOTAL	384256.	384256.		211340.59		8933.33	30166.26	31701.09
OTHER BUILDINGS								
BARNS	34720.	34153.	12	18784.33	98	83.09	2615.01	2817.65
SHEDS	1248.	1055.	5	580.13	85	9.41	200.85	87.02
FEED TROUGHS	1933.	1933.	16	1063.33	100		111.00	159.50
SELF-FEEDERS								
FENCING	667.	667.	6	366.67	100	6.67	76.33	55.00
OTHER								
OTHER					100			
SUB-TOTAL	38568.	37808.		20794.46		99.17	3023.20	3119.17
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	1429.	1429.		1428.60	100			214.29
STORAGE PIT								
FARROWING BARN	777.	777.	20	427.61	100		34.99	64.14
GROWER-FINISHING BARN	1000.	1000.	20	549.78	100		44.98	82.47
LIQUID MANURE SPREADER	9318.	8006.	9	4403.15	86	206.21	827.86	660.47
MANURE SPREADER	3833.	2415.	7	1328.07	63	195.69	300.92	199.21
SUBMERSIBLE PUMP OR AGITATOR	493.	480.	7	264.00	97	33.73	65.60	39.60
OTHER								
SUB-TOTAL	16850.	14106.		8401.21		435.63	1274.35	1260.18
FEED STORAGE								
---- STEEL BINS	8813.	8813.	25	4847.33	100	236.67	319.05	727.10
---- WOODEN BINS	527.	527.	14	289.67	100	6.67	33.84	43.45
---- FEED BINS ---- TONNES	12987.	12987.	13	7142.67	100	36.67	927.77	1071.40
HIGH MOISTURE GRAIN	800.	800.	20	440.00	100		36.00	66.00
OTHER								
SUB-TOTAL	23127.	23127.		12719.67		280.00	1316.66	1907.95
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	10500.	10500.	7	5775.00	100	1857.80	1339.40	866.25
FEED CONVEYORS	2133.	2133.	15	1173.33	100	70.00	132.00	176.00
GRINDER	7.	7.	1	3.67	100	4.00	6.00	0.55
MOBILE GRINDER/MIXER	2380.	2380.	8	1309.00	100	136.67	275.33	196.35
FEED CART	779.	179.	4	98.63	23	8.47	38.73	14.79
OTHER								
SUB-TOTAL	15799.	15199.		8359.63		2076.93	1791.46	1253.94
EQUIPMENT IN BARNS								
---- CRATES	1780.	1780.	25	979.00	100		64.92	146.85
---- PENS ---- FT.	171.	171.	20	93.87	100		7.68	14.08
---- WATERERS	79.	79.	26	43.71	100		2.78	6.56
---- SELF-FEEDERS	1320.	1320.	15	726.00	100	6.67	80.40	108.90
---- INDIVIDUAL STALLS	448.	448.	20	246.40	100		20.16	36.96
---- HEAT LAMPS	2.	2.	20	1.05	100		0.09	0.16
---- VENTILATION	699.	699.	20	384.27	100		31.44	57.64
---- OTHER								
SUB-TOTAL	4499.	4499.		2474.29		6.67	207.47	371.14
EXTRA EQUIPMENT								
WELL AND WATER LINES	15806.	5026.	24	2764.20	32	297.82	191.29	414.63
SCALE ---- LB. CAPACITY	332.	332.	3	182.35	100		107.48	27.35
TRUCKS 1) 1/2 OR 3/4 TON	2147.	840.	5	462.00	39	370.54	150.08	69.30
2) ONE OR TWO TON	3913.	2355.	6	1295.43	60	563.03	381.15	194.31
3) 3 TON	34399.	15151.	8	8333.04	44	3718.33	1637.87	1249.96
TRACTORS 1) UP TO 75 H.P.	10293.	2849.	8	1566.81	28	667.03	328.85	235.02
2) 76 TO 110 H.P.	3503.	2525.	5	1388.64	72	983.16	463.12	208.30
3) OVER 110 H.P.	16317.	966.	8	531.21	6	96.94	113.85	79.68
STANDBY GENERATOR	18769.	6808.	14	3744.37	36	320.65	435.80	561.66
PRESSURE WASHER	910.	910.	7	500.63	100	120.67	123.55	75.09
TOOLS AND VET., EQUIPMENT	426.	426.	5	234.06	100	26.67	77.70	35.11
GRAIN AUGER	2784.	622.	5	341.93	22	15.63	118.33	51.29
OTHER	933.	308.	6	169.40	33	217.22	46.20	25.41
SUB-TOTAL	110531.	39116.		21514.06		7397.69	4175.27	3227.11
LAND - BLDGS. SITE & PASTURE	6355.	5860.		5859.54	92			878.93
TOTAL INVESTMENT	658628.	580744.		348236.78		19237.29	41954.68	52235.52

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

APPENDIX B

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: TOTAL PROVINCE

			TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:					
1095 *MARKET HOGS	1820.0 CWT DRS	$ 70.05/CWT	127489.15	108.99	64.82
23 SOWS	67.6 CWT DRS	$ 49.17/CWT	3325.73	2.84	1.69
2 BOARS	5.9 CWT DRS	$ 65.89/CWT	389.65	0.33	0.20
57 *WEANERS	56.8 HEAD	$ 39.48/HEAD	2240.87	1.92	1.14
13 *FEEDERS	13.3 HEAD	$ 49.53/HEAD	660.54	0.56	0.34
4 *BREEDING STOCK	4.4 HEAD	$164.57/HEAD	716.37	0.61	0.36
GOVERNMENT SUPPORT PAYMENTS			13291.83	11.36	6.76
INV.CHANGE(SOW,GIL,FDRS,WNR			8474.94	7.24	4.31
OTHER RECEIPTS			742.23	0.63	0.38
TOTAL RETURNS			157331.30	134.50	79.99
FEED COSTS:					
BARLEY	321.6 TONNES	$124.72/TONNE	40110.55	34.29	20.39
OTHER GRAINS	24.4 TONNES	$147.38/TONNE	3600.94	3.08	1.83
20 */* DRY SOW RATION	8.1 TONNES	$212.27/TONNE	1726.19	1.48	0.88
20 */* NURSING SOW RATN	2.7 TONNES	$210.43/TONNE	562.19	0.48	0.29
19 */* PRE-STARTER RATN	1.4 TONNES	$284.26/TONNE	409.12	0.35	0.21
18 */* STARTER RATION	31.1 TONNES	$300.21/TONNE	9330.05	7.98	4.74
17 */* GROWER RATION	34.9 TONNES	$206.39/TONNE	7195.75	6.15	3.66
15 */* FINISHER RATION	4.9 TONNES	$191.18/TONNE	935.44	0.80	0.48
40 */* PROTEIN SUPPLMNT	15.4 TONNES	$390.83/TONNE	6029.17	5.15	3.07
36 */* PROTEIN SUPPLMNT	1.2 TONNES	$405.29/TONNE	498.68	0.43	0.25
37 */* RAPESEED MEAL	1.0 TONNES	$212.14/TONNE	210.69	0.18	0.11
43 */* SOYABEAN MEAL	16.3 TONNES	$347.49/TONNE	5674.71	4.85	2.89
VIT.+MINERALS+SALT+LIMESTNE	5.8 TONNES	$ /TONNE	2944.44	2.52	1.50
FEED PROCESSING	TONNES	$******/TONNE	59.43	0.05	0.03
FEED TRUCKING COSTS	2.5 TONNES	$ 37.55/TONNE	95.34	0.08	0.05
OTHER FEED ITEMS	2.4 TONNES	$ /TONNE	618.04	0.53	0.31
TOTAL FEED COSTS			80000.75	68.39	40.67
OTHER CASH COSTS:					
WEANERS	33.6 HEAD	$ 14.58/HEAD	489.73	0.42	0.25
FEEDERS	6.5 HEAD	$ 47.52/HEAD	310.28	0.27	0.16
GILTS	0.4 HEAD	$221.15/HEAD	85.49	0.07	0.04
BOARS	2.2 HEAD	$394.05/HEAD	851.01	0.73	0.43
BEDDING	17.0 TONNES	$ 26.23/TONNE	446.51	0.38	0.23
VET.+MED.,CHEM.+DISINFECT.			1778.88	1.52	0.90
MANURE DISPOSAL (IF HIRED)			157.70	0.13	0.08
HIRED LABOUR	354.1 HOURS	$ 6.49/HOUR	2297.76	1.96	1.17
HOG TRUCKING COSTS			1355.39	1.16	0.69
MARKETING & ASSEMBLY CHARG.			3761.23	3.22	1.91
TAXES AND INSURANCES			5785.01	4.95	2.94
MACH.BLDG.EQP. OPERTNG.+REP			7918.89	6.77	4.03
ACCTNG,PROF.DUES + MISC.			560.89	0.48	0.29
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)			4718.84	4.03	2.40
OTHER CASH COSTS			30517.59	26.09	15.52
TOTAL CASH COSTS			110518.34	94.48	56.19
NON-CASH COSTS:					
OPERATOR'S LABOUR	1771.5 HOURS	$ 6.50/HOUR	11604.69	9.92	5.90
FAMILY LABOUR	739.8 HOURS	$ 5.43/HOUR	4019.81	3.44	2.04
DEPRECIATION (BLDG.+EQUIP.)			13408.17	11.46	6.82
INTEREST ON INVESTMT(15*/*)			17470.41	14.93	8.88
TOTAL NON-CASH COSTS			46503.07	39.75	23.64
TOTAL COSTS			157021.41	134.23	79.83

HEAD HANDLED	2018.3	DEATHLOSS o/o	4.2	CWT.LIVE WGHT.	2488.2	AVG. DRS. o/o	79.0
DRS.WT.EQ.CWT	1966.9	LB.DRS.WT/HOG	166.2	NO. HOG EQU.	1183.7	AVERAGE INDEX	102.5
LBS.FD/HOG EQ	889.9	HOME FEED o/o	64.1	HOG RECPT.o/o	61.5	SOWS	82.3
SOWS/BOAR	15.7	REPLACE GILTS	24.7	PGLTS WND/SOW	16.4	WNG AGE(DAYS)	33.3

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 1

					TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
1880	*MARKET HOGS	3046.0	CWT DRS	$ 70.58/CWT	214991.73	114.28	68.57
23	SOWS	67.8	CWT DRS	$ 46.80/CWT	3174.66	1.69	1.01
3	BOARS	8.3	CWT DRS	$ 50.83/CWT	419.33	0.22	0.13
	*WEANERS		HEAD	$ /HEAD			
1	*FEEDERS	1.1	HEAD	$ 75.00/HEAD	83.33	0.04	0.03
	*BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					27398.98	14.56	8.74
INV.CHANGE(SOW,GIL,FDRS,WNR					3264.37	1.74	1.04
OTHER RECEIPTS					2289.48	1.22	0.73
TOTAL RETURNS					251621.89	133.75	80.25
FEED COSTS:							
BARLEY		487.9	TONNES	$122.80/TONNE	59910.55	31.85	19.11
OTHER GRAINS		49.3	TONNES	$162.14/TONNE	7996.31	4.25	2.55
	/ DRY SOW RATION		TONNES	$ /TONNE			
	/ NURSING SOW RATN		TONNES	$ /TONNE			
	/ PRE-STARTER RATN		TONNES	$ /TONNE			
18	*/* STARTER RATION	95.2	TONNES	$321.33/TONNE	30589.11	16.26	9.76
	/ GROWER RATION		TONNES	$ /TONNE			
	/ FINISHER RATION		TONNES	$ /TONNE			
40	*/* PROTEIN SUPPLMNT	45.2	TONNES	$448.03/TONNE	20238.33	10.76	6.45
	/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
37	*/* RAPESEED MEAL	4.4	TONNES	$228.61/TONNE	1009.17	0.54	0.32
45	*/* SOYABEAN MEAL	21.6	TONNES	$296.24/TONNE	6412.56	3.41	2.05
VIT.+MINERALS+SALT+LIMESTNE		8.0	TONNES	$ /TONNE	4304.03	2.29	1.37
FEED PROCESSING			TONNES	$ 33.91/TONNE	33.91	0.02	0.01
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS		0.7	TONNES	$ /TONNE	50.56	0.03	0.02
	TOTAL FEED COSTS				130544.52	69.39	41.63
OTHER CASH COSTS:							
WEANERS			HEAD	$ /HEAD			
FEEDERS			HEAD	$ /HEAD			
GILTS		0.2	HEAD	$137.50/HEAD	30.56	0.02	0.01
BOARS		4.4	HEAD	$432.37/HEAD	1921.67	1.02	0.61
BEDDING		0.7	TONNES	$ 39.05/TONNE	25.56	0.01	0.01
VET.+MED.,CHEM.+DISINFECT.					3035.94	1.61	0.97
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR			HOURS	$ /HOUR			
HOG TRUCKING COSTS					1984.94	1.06	0.63
MARKETING & ASSEMBLY CHARG.					6687.89	3.56	2.13
TAXES AND INSURANCES					10372.01	5.51	3.31
MACH.BLDG.EQP. OPERTNG.+REP					8164.31	4.34	2.60
ACCTNG.,PROF.DUES + MISC.					361.11	0.19	0.12
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)					7252.93	3.86	2.31
	OTHER CASH COSTS				39836.91	21.18	12.71
	TOTAL CASH COSTS				170381.43	90.57	54.34
NON-CASH COSTS:							
OPERATOR'S LABOUR		1927.5	HOURS	$ 6.50/HOUR	12528.53	6.66	4.00
FAMILY LABOUR		2195.8	HOURS	$ 6.15/HOUR	13511.88	7.18	4.31
DEPRECIATION (BLDG.+EQUIP.)					17406.46	9.25	5.55
INTEREST ON INVESTMT(15*/*)					25409.41	13.51	8.10
	TOTAL NON-CASH COSTS				68856.28	36.60	21.96
TOTAL COSTS					239237.72	127.17	76.30

HEAD HANDLED	3009.6	DEATHLOSS O/O	3.1	CWT.LIVE WGHT.	3951.3	AVG. DRS. O/O	79.4
DRS.WT.EQ.CWT	3135.5	LB.DRS.WT/HOG	162.0	NO. HOG EQU.	1935.3	AVERAGE INDEX	103.0
LBS.FD/HOG EQ	812.1	HOME FEED O/O	74.6	HOG RECPT.O/O	38.7	SOWS	112.0
SOWS/BOAR	16.8	REPLACE GILTS	14.8	PGLTS WND/SOW	18.0	WNG AGE(DAYS)	32.7

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 2

			TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:					
1883 *MARKET HOGS	3151.2 CWT DRS	$ 70.80/CWT	223099.60	109.27	67.22
35 SOWS	104.2 CWT DRS	$ 49.63/CWT	5171.98	2.53	1.56
4 BOARS	11.2 CWT DRS	$ 80.99/CWT	904.14	0.44	0.27
146 *WEANERS	145.9 HEAD	$ 40.85/HEAD	5957.81	2.92	1.80
5 *FEEDERS	4.6 HEAD	$ 44.42/HEAD	203.05	0.10	0.06
9 *BREEDING STOCK	8.6 HEAD	$146.53/HEAD	1256.00	0.62	0.38
GOVERNMENT SUPPORT PAYMENTS			14842.19	7.27	4.47
INV.CHANGE(SOW,GIL,FDRS,WNR			9282.62	4.55	2.80
OTHER RECEIPTS			1882.16	0.92	0.57
TOTAL RETURNS==========			262599.56	128.61	79.13
FEED COSTS:					
BARLEY	484.0 TONNES	$126.35/TONNE	61153.24	29.95	18.43
OTHER GRAINS	29.2 TONNES	$151.86/TONNE	4439.69	2.17	1.34
15 */* DRY SOW RATION	16.4 TONNES	$189.79/TONNE	3110.53	1.52	0.94
15 */* NURSING SOW RATN	8.3 TONNES	$185.07/TONNE	1535.43	0.75	0.46
19 */* PRE-STARTER RATN	3.8 TONNES	$286.60/TONNE	1078.84	0.53	0.33
18 */* STARTER RATION	45.6 TONNES	$292.98/TONNE	13372.75	6.55	4.03
16 */* GROWER RATION	85.2 TONNES	$200.42/TONNE	17084.15	8.37	5.15
14 */* FINISHER RATION	14.7 TONNES	$175.00/TONNE	2574.29	1.26	0.78
40 */* PROTEIN SUPPLMNT	6.6 TONNES	$398.12/TONNE	2627.01	1.29	0.79
30 */* PROTEIN SUPPLMNT	3.6 TONNES	$354.95/TONNE	1278.49	0.63	0.39
36 */* RAPESEED MEAL	1.4 TONNES	$200.31/TONNE	286.16	0.14	0.09
48 */* SOYABEAN MEAL	37.0 TONNES	$330.48/TONNE	12224.66	5.99	3.68
VIT.+MINERALS+SALT+LIMESTNE	7.9 TONNES	$ /TONNE	3840.33	1.88	1.16
FEED PROCESSING	TONNES	$ /TONNE			
FEED TRUCKING COSTS	TONNES	$258.60/TONNE	258.60	0.13	0.08
OTHER FEED ITEMS	1.5 TONNES	$ /TONNE	745.99	0.37	0.22
TOTAL FEED COSTS----------			125610.14	61.52	37.85
OTHER CASH COSTS:					
WEANERS	115.9 HEAD	$ 1.65/HEAD	191.45	0.09	0.06
FEEDERS	19.7 HEAD	$ 37.72/HEAD	741.90	0.36	0.22
GILTS	0.1 HEAD	$170.00/HEAD	24.29	0.01	0.01
BOARS	3.6 HEAD	$429.01/HEAD	1532.19	0.75	0.46
BEDDING	18.1 TONNES	$ 31.99/TONNE	580.29	0.28	0.17
VET.+MED.,CHEM.+DISINFECT.			2692.62	1.32	0.81
MANURE DISPOSAL (IF HIRED)			53.90	0.03	0.02
HIRED LABOUR	658.7 HOURS	$ 6.11/HOUR	4023.05	1.97	1.21
HOG TRUCKING COSTS			2691.77	1.32	0.81
MARKETING & ASSEMBLY CHARG.			6350.34	3.11	1.91
TAXES AND INSURANCES			7313.47	3.58	2.20
MACH.BLDG.EQP. OPERTNG.+REP			10451.61	5.12	3.15
ACCTNG,PROF.DUES + MISC.			644.38	0.32	0.19
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)			7260.52	3.56	2.19
OTHER CASH COSTS----------			44551.78	21.82	13.42
TOTAL CASH COSTS			170161.93	83.34	51.27
NON-CASH COSTS:					
OPERATOR'S LABOUR	1772.6 HOURS	$ 6.50/HOUR	11521.99	5.64	3.47
FAMILY LABOUR	1137.5 HOURS	$ 5.86/HOUR	6665.44	3.26	2.01
DEPRECIATION (BLDG.+EQUIP.)			17863.59	8.75	5.38
INTEREST ON INVESTMT(15*/*)			27519.20	13.48	8.29
TOTAL NON-CASH COSTS			63570.22	31.13	19.15
TOTAL COSTS==========			233732.15	114.48	70.43

HEAD HANDLED	3408.7	DEATHLOSS o/o	3.3	CWT.LIVE WGHT.	4219.0	AVG. DRS. o/o	78.7
DRS.WT.EQ.CWT	3318.8	LB.DRS.WT/HOG	167.4	NO. HOG EQU.	1982.8	AVERAGE INDEX	102.5
LBS.FD/HOG EQ	852.5	HOME FEED o/o	45.7	HOG RECPT.o/o	56.5	SOWS	131.4
SOWS/BOAR	16.8	REPLACE GILTS	43.1	PGLTS WNR/SOW	16.0	WNG AGE(DAYS)	33.7

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 3

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
1319 *MARKET HOGS	2235.6	CWT DRS	$ 69.41/CWT	155178.19	112.20	63.55
29 SOWS	84.6	CWT DRS	$ 47.68/CWT	4032.99	2.92	1.65
3 BOARS	6.2	CWT DRS	$ 74.46/CWT	461.20	0.33	0.19
59 *WEANERS	59.0	HEAD	$ 38.80/HEAD	2289.07	1.66	0.94
*FEEDERS		HEAD	$ /HEAD			
5 *BREEDING STOCK	5.4	HEAD	$185.36/HEAD	994.18	0.72	0.41
GOVERNMENT SUPPORT PAYMENTS				18115.10	13.10	7.42
INV.CHANGE(SOW,GIL,FDRS,WNR				11816.09	8.54	4.84
OTHER RECEIPTS				1124.52	0.81	0.46
TOTAL RETURNS				194011.34	140.28	79.46
FEED COSTS:						
BARLEY	381.5	TONNES	$122.36/TONNE	46685.35	33.76	19.12
OTHER GRAINS	29.1	TONNES	$152.00/TONNE	4428.00	3.20	1.81
23 %/% DRY SOW RATION	25.6	TONNES	$223.47/TONNE	5709.92	4.13	2.34
35 %/% NURSING SOW RATN	0.3	TONNES	$359.00/TONNE	97.91	0.07	0.04
18 %/% PRE-STARTER RATN	3.0	TONNES	$303.14/TONNE	924.30	0.67	0.38
18 %/% STARTER RATION	50.2	TONNES	$279.64/TONNE	14051.53	10.16	5.75
22 %/% GROWER RATION	41.9	TONNES	$223.39/TONNE	9361.74	6.77	3.83
16 %/% FINISHER RATION	6.9	TONNES	$222.11/TONNE	1534.59	1.11	0.63
40 %/% PROTEIN SUPPLMNT	17.5	TONNES	$317.16/TONNE	5542.23	4.01	2.27
39 %/% PROTEIN SUPPLMNT	1.8	TONNES	$488.56/TONNE	881.18	0.64	0.36
38 %/% RAPESEED MEAL	0.8	TONNES	$180.00/TONNE	139.09	0.10	0.06
43 %/% SOYABEAN MEAL	10.8	TONNES	$341.58/TONNE	3698.41	2.67	1.51
VIT.+MINERALS+SALT+LIMESTNE	9.1	TONNES	$ /TONNE	4383.14	3.17	1.80
FEED PROCESSING		TONNES	$ 61.55/TONNE	61.55	0.04	0.03
FEED TRUCKING COSTS	12.8	TONNES	$ 6.55/TONNE	83.73	0.06	0.03
OTHER FEED ITEMS	9.0	TONNES	$ /TONNE	1778.23	1.29	0.73
TOTAL FEED COSTS				99360.89	71.84	40.69
OTHER CASH COSTS:						
WEANERS		HEAD	$ /HEAD			
FEEDERS	16.0	HEAD	$ 58.60/HEAD	940.23	0.68	0.39
GILTS	0.7	HEAD	$190.00/HEAD	129.55	0.09	0.05
BOARS	2.9	HEAD	$364.59/HEAD	1060.64	0.77	0.43
BEDDING	12.1	TONNES	$ 26.33/TONNE	319.89	0.23	0.13
VET.+MED.,CHEM.+DISINFECT.				2264.89	1.64	0.93
MANURE DISPOSAL (IF HIRED)				113.64	0.08	0.05
HIRED LABOUR	500.4	HOURS	$ 7.66/HOUR	3831.61	2.77	1.57
HOG TRUCKING COSTS				1371.66	0.99	0.56
MARKETING & ASSEMBLY CHARG.				4444.82	3.21	1.82
TAXES AND INSURANCES				7922.50	5.73	3.24
MACH.BLDG.EQP. OPERTNG.+REP				10046.17	7.26	4.11
ACCTNG,PROF.DUES + MISC.				1122.11	0.81	0.46
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18%/%)				5928.23	4.29	2.43
OTHER CASH COSTS				39495.92	28.56	16.18
TOTAL CASH COSTS				138856.81	100.40	56.87
NON-CASH COSTS:						
OPERATOR'S LABOUR	2056.7	HOURS	$ 6.50/HOUR	13072.90	9.45	5.35
FAMILY LABOUR	1046.0	HOURS	$ 5.44/HOUR	5691.56	4.12	2.33
DEPRECIATION (BLDG.+EQUIP.)				20791.54	15.03	8.52
INTEREST ON INVESTMT(15%/%)				22803.17	16.49	9.34
TOTAL NON-CASH COSTS				62359.17	45.09	25.54
TOTAL COSTS				201215.98	145.49	82.41

HEAD HANDLED	2596.2	DEATHLOSS o/o	4.7	CWT.LIVE WGHT.	3054.1	AVG. DRS. o/o	79.9
DRS.WT.EQ.CWT	2441.7	LB.DRS.WT/HOG	169.5	NO. HOG EQU.	1440.2	AVERAGE INDEX	102.7
LBS.FD/HOG EQ	909.0	HOME FEED o/o	48.8	HOG RECPT.o/o	58.5	SOWS	113.4
SOWS/BOAR	15.5	REPLACE GILTS	32.0	PGLTS WND/SOW	16.1	WNG AGE(DAYS)	31.8

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 4

			TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:					
495 *MARKET HOGS	809.0 CWT DRS	$ 68.87/CWT	55715.34	110.17	61.55
15 SOWS	39.1 CWT DRS	$ 54.03/CWT	2113.37	4.18	2.33
1 BOARS	3.4 CWT DRS	$ 40.56/CWT	137.74	0.27	0.15
8 *WEANERS	8.3 HEAD	$ 26.04/HEAD	215.79	0.43	0.24
3 *FEEDERS	2.6 HEAD	$ 55.00/HEAD	141.43	0.28	0.16
*BREEDING STOCK	HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS			7966.58	15.75	8.80
INV.CHANGE(SOW,GIL,FDRS,WNR			6288.58	12.44	6.95
OTHER RECEIPTS					
TOTAL RETURNS==========			72578.03	143.52	80.19
FEED COSTS:					
BARLEY	135.0 TONNES	$128.82/TONNE	17394.81	34.40	19.22
OTHER GRAINS	10.0 TONNES	$102.03/TONNE	1022.54	2.02	1.13
15 */* DRY SOW RATION	4.4 TONNES	$235.78/TONNE	1034.06	2.04	1.14
15 */* NURSING SOW RATN	8.1 TONNES	$197.84/TONNE	1600.86	3.17	1.77
20 */* PRE-STARTER RATN	TONNES	$466.67/TONNE	5.00	0.01	0.01
18 */* STARTER RATION	10.0 TONNES	$301.16/TONNE	2998.23	5.93	3.31
16 */* GROWER RATION	25.2 TONNES	$195.70/TONNE	4926.57	9.74	5.44
14 */* FINISHER RATION	8.7 TONNES	$193.64/TONNE	1678.29	3.32	1.85
40 */* PROTEIN SUPPLMNT	10.6 TONNES	$424.42/TONNE	4485.18	8.87	4.96
40 */* PROTEIN SUPPLMNT	1.8 TONNES	$414.26/TONNE	748.92	1.48	0.83
/ RAPESEED MEAL	TONNES	$ /TONNE			
47 */* SOYABEAN MEAL	2.3 TONNES	$402.20/TONNE	927.21	1.83	1.02
VIT.+MINERALS+SALT+LIMESTNE	1.3 TONNES	$ /TONNE	531.19	1.05	0.59
FEED PROCESSING	0.1 TONNES	$663.74/TONNE	43.14	0.09	0.05
FEED TRUCKING COSTS	1.5 TONNES	$176.81/TONNE	265.21	0.52	0.29
OTHER FEED ITEMS	0.5 TONNES	$ /TONNE	177.43	0.35	0.20
TOTAL FEED COSTS----------			37838.63	74.82	41.80
OTHER CASH COSTS:					
WEANERS	HEAD	$ /HEAD			
FEEDERS	HEAD	$ /HEAD			
GILTS	0.1 HEAD	$220.00/HEAD	15.71	0.03	0.02
BOARS	1.1 HEAD	$317.00/HEAD	339.64	0.67	0.38
BEDDING	27.0 TONNES	$ 22.55/TONNE	608.75	1.20	0.67
VET.+MED.,CHEM.+DISINFECT.			1597.81	3.16	1.77
MANURE DISPOSAL (IF HIRED)			438.86	0.87	0.48
HIRED LABOUR	225.4 HOURS	$ 3.19/HOUR	719.14	1.42	0.79
HOG TRUCKING COSTS			1032.58	2.04	1.14
MARKETING & ASSEMBLY CHARG.			2225.60	4.40	2.46
TAXES AND INSURANCES			2128.49	4.21	2.35
MACH.BLDG.EQP. OPERTNG.+REP			4591.35	9.08	5.07
ACCTNG,PROF.DUES + MISC.			183.93	0.36	0.20
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)			2311.43	4.57	2.55
OTHER CASH COSTS----------			16193.30	32.02	17.89
TOTAL CASH COSTS			54031.93	106.84	59.69
NON-CASH COSTS:					
OPERATOR'S LABOUR	1368.6 HOURS	$ 6.50/HOUR	8895.95	17.59	9.83
FAMILY LABOUR	124.0 HOURS	$ 3.25/HOUR	403.00	0.80	0.45
DEPRECIATION (BLDG.+EQUIP.)			5626.92	11.13	6.22
INTEREST ON INVESTMT(15*/*)			9188.63	18.17	10.15
TOTAL NON-CASH COSTS			24114.49	47.68	26.64
TOTAL COSTS==========			78146.42	154.53	86.34

HEAD HANDLED	915.6	DEATHLOSS o/o	4.3	CWT.LIVE WGHT.	1158.6	AVG. DRS. o/o	78.1
DRS.WT.EQ.CWT	905.1	LB.DRS.WT/HOG	163.5	NO. HOG EQU.	553.7	AVERAGE INDEX	101.0
LBS.FD/HOG EQ	869.5	HOME FEED o/o	71.5	HOG RECPT.o/o	80.4	SOWS	41.0
SOWS/BOAR	17.4	REPLACE GILTS	19.3	PGLTS WND/SOW	16.0	WNG AGE(DAYS)	32.6

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 5

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
918 *MARKET HOGS	1537.0	CWT DRS	$ 71.23/CWT	109483.31	98.40	64.12
23 SOWS	69.9	CWT DRS	$ 53.56/CWT	3741.92	3.36	2.19
1 BOARS	4.1	CWT DRS	$ 71.47/CWT	290.57	0.26	0.17
120 *WEANERS	119.6	HEAD	$ 38.75/HEAD	4635.23	4.17	2.71
64 *FEEDERS	63.7	HEAD	$ 52.08/HEAD	3319.73	2.98	1.94
12 *BREEDING STOCK	11.6	HEAD	$168.18/HEAD	1947.37	1.75	1.14
GOVERNMENT SUPPORT PAYMENTS				11631.80	10.45	6.81
INV.CHANGE(SOW,GIL,FDRS,WNR				6791.35	6.10	3.98
OTHER RECEIPTS				181.87	0.16	0.11
TOTAL RETURNS				142023.14	127.65	83.18
FEED COSTS:						
BARLEY	305.8	TONNES	$126.95/TONNE	38817.44	34.89	22.73
OTHER GRAINS	18.7	TONNES	$155.28/TONNE	2906.15	2.61	1.70
/ DRY SOW RATION		TONNES	$ /TONNE			
16 */* NURSING SOW RATN	0.1	TONNES	$293.77/TONNE	21.34	0.02	0.01
18 */* PRE-STARTER RATN	1.3	TONNES	$225.10/TONNE	296.07	0.27	0.17
18 */* STARTER RATION	22.5	TONNES	$320.52/TONNE	7210.55	6.48	4.22
16 */* GROWER RATION	41.8	TONNES	$203.41/TONNE	8510.88	7.65	4.98
/ FINISHER RATION		TONNES	$ /TONNE			
40 */* PROTEIN SUPPLMNT	18.0	TONNES	$399.76/TONNE	7201.03	6.47	4.22
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
/ RAPESEED MEAL	0.6	TONNES	$228.14/TONNE	133.04	0.12	0.08
38 */* SOYABEAN MEAL	17.1	TONNES	$371.45/TONNE	6356.03	5.71	3.72
VIT.+MINERALS+SALT+LIMESTNE	5.5	TONNES	$ /TONNE	2641.49	2.37	1.55
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		TONNES	$ /TONNE			
OTHER FEED ITEMS	1.9	TONNES	$ /TONNE	144.28	0.13	0.08
TOTAL FEED COSTS				74238.29	66.73	43.48
OTHER CASH COSTS:						
WEANERS	20.8	HEAD	$ 31.22/HEAD	650.79	0.58	0.38
FEEDERS		HEAD	$ /HEAD			
GILTS	0.1	HEAD	$325.00/HEAD	17.11	0.02	0.01
BOARS	2.1	HEAD	$412.82/HEAD	847.37	0.76	0.50
BEDDING	9.3	TONNES	$ 20.59/TONNE	192.25	0.17	0.11
VET.+MED.,CHEM.+DISINFECT.				1442.52	1.30	0.84
MANURE DISPOSAL (IF HIRED)				219.21	0.20	0.13
HIRED LABOUR	689.9	HOURS	$ 6.73/HOUR	4640.05	4.17	2.72
HOG TRUCKING COSTS				263.98	0.24	0.15
MARKETING & ASSEMBLY CHARG.				3012.80	2.71	1.76
TAXES AND INSURANCES				5942.53	5.34	3.48
MACH.BLDG.EQP. OPERTNG.+REP				6182.27	5.56	3.62
ACCTNG,PROF.DUES + MISC.				608.84	0.55	0.36
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				4382.71	3.94	2.57
OTHER CASH COSTS				28402.42	25.53	16.63
TOTAL CASH COSTS				102640.72	92.25	60.11
NON-CASH COSTS:						
OPERATOR'S LABOUR	1878.6	HOURS	$ 6.50/HOUR	12212.56	10.98	7.15
FAMILY LABOUR	319.5	HOURS	$ 4.44/HOUR	1419.27	1.28	0.83
DEPRECIATION (BLDG.+EQUIP.)				12086.44	10.86	7.08
INTEREST ON INVESTMT(15*/*)				16815.33	15.11	9.85
TOTAL NON-CASH COSTS				42533.59	38.23	24.91
TOTAL COSTS				145174.31	130.48	85.02

HEAD HANDLED	1786.3	DEATHLOSS o/o	3.9	CWT.LIVE WGHT.	2143.3	AVG. DRS. o/o	79.7
DRS.WT.EQ.CWT	1707.5	LB.DRS.WT/HOG	167.5	NO. HOG EQU.	1019.4	AVERAGE INDEX	103.3
LBS.FD/HOG EQ	956.1	HOME FEED o/o	69.3	HOG RECPT.o/o	75.9	SOWS	76.5
SOWS/BOAR	17.5	REPLACE GILTS	22.5	PGLTS WND/SOW	16.8	WNG AGE(DAYS)	31.8

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 6

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
564 *MARKET HOGS	898.7 CWT DRS	$ 69.52/CWT		62476.83	110.80	64.96
15 SOWS	46.2 CWT DRS	$ 47.07/CWT		2174.61	3.86	2.26
1 BOARS	4.0 CWT DRS	$ 43.27/CWT		175.24	0.31	0.18
*WEANERS	0.3 HEAD	$ 25.00/HEAD		7.69	0.01	0.01
*FEEDERS	HEAD	$ /HEAD				
*BREEDING STOCK	HEAD	$ /HEAD				
GOVERNMENT SUPPORT PAYMENTS				6813.39	12.08	7.08
INV.CHANGE(SOW,GIL,FDRS,WNR				6251.69	11.09	6.50
OTHER RECEIPTS						
TOTAL RETURNS==========				77899.44	138.16	81.00
FEED COSTS:						
BARLEY	208.2 TONNES	$127.75/TONNE		26594.17	47.17	27.65
OTHER GRAINS	6.9 TONNES	$ 93.02/TONNE		638.11	1.13	0.66
/ DRY SOW RATION	TONNES	$ /TONNE				
26 */* NURSING SOW RATN	1.5 TONNES	$377.75/TONNE		581.88	1.03	0.61
/ PRE-STARTER RATN	TONNES	$ /TONNE				
18 */* STARTER RATION	10.5 TONNES	$305.28/TONNE		3194.74	5.67	3.32
16 */* GROWER RATION	22.3 TONNES	$210.40/TONNE		4683.87	8.31	4.87
/ FINISHER RATION	TONNES	$ /TONNE				
40 */* PROTEIN SUPPLMNT	14.7 TONNES	$366.74/TONNE		5392.64	9.56	5.61
37 */* PROTEIN SUPPLMNT	0.4 TONNES	$453.16/TONNE		201.83	0.36	0.21
/ RAPESEED MEAL	1.6 TONNES	$215.55/TONNE		337.92	0.60	0.35
44 */* SOYABEAN MEAL	1.8 TONNES	$404.30/TONNE		709 38	1.26	0.74
VIT.+MINERALS+SALT+LIMESTNE	1.2 TONNES	$ /TONNE		678.58	1.20	0.71
FEED PROCESSING	TONNES	$369.92/TONNE		369.92	0.66	0.38
FEED TRUCKING COSTS	TONNES	$ 27.69/TONNE		27.69	0.05	0.03
OTHER FEED ITEMS	0.6 TONNES	$ /TONNE		74.25	0.13	0.08
TOTAL FEED COSTS----------				43484.99	77.12	45.22
OTHER CASH COSTS:						
WEANERS	84.6 HEAD	$ 37.00/HEAD		3130.77	5.55	3.26
FEEDERS	HEAD	$ /HEAD				
GILTS	0.9 HEAD	$227.92/HEAD		210.38	0.37	0.22
BOARS	1.2 HEAD	$327.50/HEAD		403.08	0.71	0.42
BEDDING	46.6 TONNES	$ 24.20/TONNE		1128.46	2.00	1.17
VET.+MED.,CHEM.+DISINFECT.				917.71	1.63	0.95
MANURE DISPOSAL (IF HIRED)				255.77	0.45	0.27
HIRED LABOUR	HOURS	$ /HOUR				
HOG TRUCKING COSTS				352.89	0.63	0.37
MARKETING & ASSEMBLY CHARG.				1552.63	2.75	1.61
TAXES AND INSURANCES				3046.32	5.40	3.17
MACH.BLDG.EQP. OPERTNG.+REP				4122.38	7.31	4.29
ACCTNG,PROF.DUES +'MISC.				291.54	0.52	0.30
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				2622.76	4.65	2.73
OTHER CASH COSTS----------				18034.68	31.99	18.75
TOTAL CASH COSTS				61519.67	109.11	63.97
NON-CASH COSTS:						
OPERATOR'S LABOUR	1346.7 HOURS	$ 6.50/HOUR		10074.25	17.87	10.48
FAMILY LABOUR	235.4 HOURS	$ 4.71/HOUR		1108.25	1.97	1.15
DEPRECIATION (BLDG.+EQUIP.)				6516.08	11.56	6.78
INTEREST ON INVESTMT(15*/*)				9225.09	16.36	9.59
TOTAL NON-CASH COSTS				26923.68	47.75	27.99
TOTAL COSTS==========				88443.35	156.86	91.96

HEAD HANDLED	1019.3	DEATHLOSS */*	4.6	CWT.LIVE WGHT.	1230.2	AVG. DRS. */*	78.2
DRS.WT.EQ.CWT	961.7	LB.DRS.WT/HOG	159.5	NO. HOG EQU.	603.0	AVERAGE INDEX	101.0
LBS.FD/HOG EQ	988.5	HOME FEED */*	71.0	HOG RECPT.*/*	86.5	SOWS	42.0
SOWS/BOAR	12.7	REPLACE GILTS	19.4	PGLTS WND/SOW	14.8	WNG AGE(DAYS)	35.5

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FARROW-FINISH FOR: REGION 7

				TOTAL	PER HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
628	MARKET HOGS	1028.2 CWT DRS	$ 67.84/CWT	69755.95	109.15	59.04
13	SOWS	43.5 CWT DRS	$ 44.78/CWT	1947.57	3.05	1.65
1	BOARS	3.9 CWT DRS	$ 45.90/CWT	177.78	0.28	0.15
	WEANERS	HEAD	$ /HEAD			
11	FEEDERS	11.1 HEAD	$ 36.47/HEAD	406.43	0.64	0.34
	BREEDING STOCK	HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				9705.14	15.19	8.21
INV.CHANGE(SOW,GIL,FDRS,WNR				10757.21	16.83	9.10
OTHER RECEIPTS						
TOTAL RETURNS				92750.07	145.13	78.50
FEED COSTS:						
BARLEY		234.1 TONNES	$121.22/TONNE	28375.33	44.40	24.02
OTHER GRAINS		29.7 TONNES	$141.20/TONNE	4193.71	6.56	3.55
	•/• DRY SOW RATION	TONNES	$ /TONNE			
	•/• NURSING SOW RATN	0.1 TONNES	$707.00/TONNE	101.00	0.16	0.09
	•/• PRE-STARTER RATN	TONNES	$ /TONNE			
19	•/• STARTER RATION	3.6 TONNES	$327.75/TONNE	1166.95	1.83	0.99
	•/• GROWER RATION	TONNES	$ /TONNE			
	•/• FINISHER RATION	TONNES	$ /TONNE			
40	•/• PROTEIN SUPPLMNT	10.7 TONNES	$393.67/TONNE	4214.94	6.60	3.57
	•/• PROTEIN SUPPLMNT	TONNES	$ /TONNE			
	•/• RAPESEED MEAL	TONNES	$ /TONNE			
38	•/• SOYABEAN MEAL	16.8 TONNES	$386.43/TONNE	6501.31	10.17	5.50
VIT.+MINERALS+SALT+LIMESTNE		5.4 TONNES	$ /TONNE	3244.27	5.08	2.75
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		TONNES	$ /TONNE			
OTHER FEED ITEMS		TONNES	$ /TONNE	576.90	0.90	0.49
TOTAL FEED COSTS				48374.39	75.69	40.94
OTHER CASH COSTS:						
WEANERS		0.2 HEAD	$ 17.53/HEAD	56.76	0.09	0.05
FEEDERS		0.5 HEAD	$ 59.82/HEAD	31.33	0.05	0.03
GILTS		0.6 HEAD	$271.50/HEAD	155.14	0.24	0.13
BOARS		0.4 HEAD	$296.25/HEAD	112.86	0.18	0.10
BEDDING		10.0 TONNES	$ 32.49/TONNE	325.55	0.51	0.28
VET.+MED.,CHEM.+DISINFECT.				775.41	1.21	0.66
MANURE DISPOSAL (IF HIRED)				71.43	0.11	0.06
HIRED LABOUR		49.0 HOURS	$ 6.25/HOUR	305.95	0.48	0.26
HOG TRUCKING COSTS				1555.44	2.43	1.32
MARKETING & ASSEMBLY CHARG.				2269.84	3.55	1.92
TAXES AND INSURANCES				4041.95	6.32	3.42
MACH.BLDG.EQP. OPERTNG.+REP				9192.20	14.38	7.78
ACCTNG,PROF.DUES + MISC.				349.71	0.55	0.30
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18•/•)				3030.75	4.74	2.57
OTHER CASH COSTS				22274.32	34.85	18.85
TOTAL CASH COSTS				70648.71	110.54	59.79
NON-CASH COSTS:						
OPERATOR'S LABOUR		1839.5 HOURS	$ 6.50/HOUR	11956.57	18.71	10.12
FAMILY LABOUR		500.4 HOURS	$ 4.24/HOUR	2121.27	3.32	1.80
DEPRECIATION (BLDG.+EQUIP.)				10154.13	15.89	8.59
INTEREST ON INVESTMT(15•/•)				9650.59	15.10	8.17
TOTAL NON-CASH COSTS				33882.56	53.02	28.68
TOTAL COSTS				104531.27	163.56	88.47

HEAD HANDLED	1161.1	DEATHLOSS o/o	7.1	CWT.LIVE WGHT.	1514.8	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	1181.5	LB.DRS.WT/HOG	163.7	NO. HOG EQU.	721.6	AVERAGE INDEX	101.7
LBS.FD/HOG EQ	916.4	HOME FEED o/o	80.1	HOG RECPT.o/o	65.1	SOWS	45.7
SOWS/BOAR	12.2	REPLACE GILTS	11.8	PGLTS WND/SOW	17.0	WNG AGE(DAYS)	35.4

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: <50 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
28 *MARKET HOGS	45.6 CWT DRS	$ 67.65/CWT		3086.00	110.21	36.55
4 SOWS	9.6 CWT DRS	$ 49.74/CWT		477.25	17.04	5.70
BOARS	CWT DRS	$ /CWT				
*WEANERS	HEAD	$ /HEAD				
*FEEDERS	HEAD	$ /HEAD				
*BREEDING STOCK	HEAD	$ /HEAD				
GOVERNMENT SUPPORT PAYMENTS				211.97	7.57	2.53
INV.CHANGE(SOW,GIL,FDRS,WNR				2732.57	97.59	32.63
OTHER RECEIPTS				86.29	3.08	1.03
TOTAL RETURNS				6594.08	235.50	78.75
FEED COSTS:						
BARLEY	19.0 TONNES	$123.76/TONNE		2347.68	83.85	28.04
OTHER GRAINS	5.1 TONNES	$ 96.39/TONNE		495.29	17.69	5.91
/ DRY SOW RATION	TONNES	$ /TONNE				
/ NURSING SOW RATN	TONNES	$ /TONNE				
/ PRE-STARTER RATN	TONNES	$ /TONNE				
19 */* STARTER RATION	0.4 TONNES	$362.95/TONNE		159.25	5.69	1.90
16 */* GROWER RATION	3.0 TONNES	$168.95/TONNE		499.25	17.83	5.96
/ FINISHER RATION	TONNES	$ /TONNE				
40 */* PROTEIN SUPPLMNT	0.4 TONNES	$521.14/TONNE		228.00	8.14	2.72
/ PROTEIN SUPPLMNT	TONNES	$ /TONNE				
/ RAPESEED MEAL	TONNES	$ /TONNE				
/ SOYABEAN MEAL	TONNES	$ /TONNE				
VIT.+MINERALS+SALT+LIMESTNE	0.1 TONNES	$ /TONNE		38.75	1.38	0.46
FEED PROCESSING	TONNES	$ /TONNE				
FEED TRUCKING COSTS	TONNES	$ /TONNE				
OTHER FEED ITEMS	TONNES	$ /TONNE				
TOTAL FEED COSTS				3768.22	134.58	45.00
OTHER CASH COSTS:						
WEANERS	HEAD	$ /HEAD				
FEEDERS	HEAD	$ /HEAD				
GILTS	1.0 HEAD	$112.00/HEAD		112.00	4.00	1.34
BOARS	0.8 HEAD	$216.00/HEAD		162.00	5.79	1.93
BEDDING	4.7 TONNES	$ 37.43/TONNE		176.13	6.29	2.10
VET.+MED.,CHEM.+DISINFECT.				74.25	2.65	0.89
MANURE DISPOSAL (IF HIRED)						
HIRED LABOUR	HOURS	$ /HOUR				
HOG TRUCKING COSTS				70.61	2.52	0.84
MARKETING & ASSEMBLY CHARG.				174.00	6.21	2.08
TAXES AND INSURANCES				94.87	3.39	1.13
MACH.BLDG.EQP. OPERTNG.+REP				620.55	22.16	7.41
ACCTNG,PROP.DUES + MISC.				57.50	2.05	0.69
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				226.63	8.09	2.71
OTHER CASH COSTS				1768.53	63.16	21.12
TOTAL CASH COSTS				5536.75	197.74	66.12
NON-CASH COSTS:						
OPERATOR'S LABOUR	549.8 HOURS	$ 6.50/HOUR		3573.38	127.62	42.67
FAMILY LABOUR	HOURS	$ /HOUR				
DEPRECIATION (BLDG.+EQUIP.)				1174.91	41.96	14.03
INTEREST ON INVESTMT(15*/*)				1572.72	56.17	18.78
TOTAL NON-CASH COSTS				6321.01	225.75	75.49
TOTAL COSTS				11857.76	423.49	141.61

HEAD HANDLED	86.8	DEATHLOSS o/o	4.0	CWT.LIVE WGHT.	107.4	AVG. DRS. o/o	78.0
DRS.WT.EQ.CWT	83.7	LB.DRS.WT/HOG	162.9	NO. HOG EQU.	51.4	AVERAGE INDEX	98.7
LBS.FD/HOG EQ	1187.5	HOME FEED o/o	83.8	HOG RECPT.o/o	28.8	SOWS	5.3
SOWS/BOAR	5.3	REPLACE GILTS	2.8	PGLTS WND/SOW	16.0	WNG AGE(DAYS)	42.8

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: 50-99 HEAD

				TOTAL	PER HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
71 *MARKET HOGS	114.9 CWT DRS	$ 67.45/CWT		7749.32	89.59	56.21
4 SOWS	6.5 CWT DRS	$ 98.76/CWT		638.17	7.38	4.63
BOARS	0.8 CWT DRS	$ 35.97/CWT		29.00	0.34	0.21
*WEANERS	HEAD	$ /HEAD				
15 *FEEDERS	15.3 HEAD	$ 45.00/HEAD		690.00	7.98	5.00
*BREEDING STOCK	HEAD	$ /HEAD				
GOVERNMENT SUPPORT PAYMENTS				806.73	9.33	5.85
INV.CHANGE(SOW,GIL,FDRS,WNR				983.15	11.37	7.13
OTHER RECEIPTS						
TOTAL RETURNS				10896.36	125.97	79.04
FEED COSTS:						
BARLEY	21.9 TONNES	$122.70/TONNE		2682.95	31.02	19.46
OTHER GRAINS	23.3 TONNES	$103.55/TONNE		2410.18	27.86	17.48
/ DRY SOW RATION	TONNES	$ /TONNE				
15 */* NURSING SOW RATN	TONNES	$218.00/TONNE		0.91	0.01	0.01
/ PRE-STARTER RATN	TONNES	$ /TONNE				
18 */* STARTER RATION	0.1 TONNES	$356.11/TONNE		28.19	0.33	0.20
16 */* GROWER RATION	TONNES	$310.00/TONNE		3.88	0.04	0.03
/ FINISHER RATION	TONNES	$ /TONNE				
40 */* PROTEIN SUPPLMNT	2.0 TONNES	$435.76/TONNE		851.92	9.85	6.18
38 */* PROTEIN SUPPLMNT	TONNES	$440.00/TONNE		3.67	0.04	0.03
/ RAPESEED MEAL	TONNES	$ /TONNE				
38 */* SOYABEAN MEAL	0.7 TONNES	$425.00/TONNE		311.67	3.60	2.26
VIT.+MINERALS+SALT+LIMESTNE	0.3 TONNES	$ /TONNE		133.33	1.54	0.97
FEED PROCESSING	TONNES	$ /TONNE				
FEED TRUCKING COSTS	TONNES	$ /TONNE				
OTHER FEED ITEMS	1.6 TONNES	$ /TONNE		422.83	4.89	3.07
TOTAL FEED COSTS				6849.52	79.19	49.68
OTHER CASH COSTS:						
WEANERS	HEAD	$ /HEAD				
FEEDERS	HEAD	$ /HEAD				
GILTS	HEAD	$ /HEAD				
BOARS	0.3 HEAD	$160.00/HEAD		53.33	0.62	0.39
BEDDING	0.9 TONNES	$ 19.89/TONNE		177.50	2.05	1.29
VET.+MED.,CHEM.+DISINFECT.				151.00	1.75	1.10
MANURE DISPOSAL (IF HIRED)						
HIRED LABOUR	HOURS	$ /HOUR				
HOG TRUCKING COSTS				105.25	1.22	0.76
MARKETING & ASSEMBLY CHARG.				148.23	1.71	1.08
TAXES AND INSURANCES				506.96	5.86	3.68
MACH.BLDG.EQP. OPERTNG.+REP				1120.67	12.96	8.13
ACCTNG,PROF.DUES + MISC.				29.67	0.34	0.22
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				409.00	4.73	2.97
OTHER CASH COSTS				2701.61	31.23	19.60
TOTAL CASH COSTS				9551.13	110.42	69.28
NON-CASH COSTS:						
OPERATOR'S LABOUR	862.1 HOURS	$ 6.50/HOUR		5603.54	64.78	40.65
FAMILY LABOUR	3.3 HOURS	$ 3.25/HOUR		10.83	0.13	0.08
DEPRECIATION (BLDG.+EQUIP.)				1397.42	16.16	10.14
INTEREST ON INVESTMT(15*/*)				1973.88	22.82	14.32
TOTAL NON-CASH COSTS				8985.68	103.88	65.18
TOTAL COSTS				18536.81	214.30	134.46

HEAD HANDLED	163.0	DEATHLOSS O/O	4.5	CWT.LIVE WGHT.	176.7	AVG. DRS. O/O	78.0
DRS.WT.EQ.CWT	137.9	LB.DRS.WT/HOG	161.4	NO. HOG EQU.	85.4	AVERAGE INDEX	98.8
LBS.FD/HOG EQ	1283.1	HOME FEED O/O	86.1	HOG RECPT.O/O	44.4	SOWS	7.5
SOWS/BOAR	6.4	REPLACE GILTS	3.7	PGLTS WND/SOW	14.1	WNG AGE(DAYS)	36.2

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: 100-199 HEAD

				TOTAL	PER HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
147 *MARKET HOGS	249.3 CWT DRS	$ 68.43/CWT		17057.92	114.95	61.34
5 SOWS	17.0 CWT DRS	$ 50.84/CWT		866.20	5.84	3.12
BOARS	1.3 CWT DRS	$ 61.76/CWT		78.07	0.53	0.28
*WEANERS	0.3 HEAD	$ 25.00/HEAD		6.67	0.04	0.02
1 *FEEDERS	1.2 HEAD	$ 68.33/HEAD		82.00	0.55	0.29
*BREEDING STOCK	HEAD	$ /HEAD				
GOVERNMENT SUPPORT PAYMENTS				2191.63	14.77	7.88
INV.CHANGE(SOW,GIL,FDRS,WNR				1953.90	13.17	7.03
OTHER RECEIPTS				30.51	0.21	0.11
TOTAL RETURNS				22266.89	150.05	80.08
FEED COSTS:						
BARLEY	70.2 TONNES	$122.86/TONNE		8629.51	58.15	31.03
OTHER GRAINS	8.3 TONNES	$113.72/TONNE		949.34	6.40	3.41
/ DRY SOW RATION	TONNES	$ /TONNE				
15 */* NURSING SOW RATN	4.4 TONNES	$126.43/TONNE		555.07	3.74	2.00
20 */* PRE-STARTER RATN	TONNES	$466.67/TONNE		4.67	0.03	0.02
20 */* STARTER RATION	1.0 TONNES	$360.04/TONNE		356.20	2.40	1.28
16 */* GROWER RATION	4.6 TONNES	$180.42/TONNE		824.20	5.55	2.96
/ FINISHER RATION	TONNES	$ /TONNE				
40 */* PROTEIN SUPPLMNT	3.3 TONNES	$421.98/TONNE		1385.50	9.34	4.98
20 */* PROTEIN SUPPLMNT	0.1 TONNES	$417.44/TONNE		54.27	0.37	0.20
/ RAPESEED MEAL	TONNES	$ /TONNE				
44 */* SOYABEAN MEAL	0.7 TONNES	$337.49/TONNE		226.57	1.53	0.81
VIT.+MINERALS+SALT+LIMESTNE	0.8 TONNES	$ /TONNE		285.33	1.92	1.03
FEED PROCESSING	0.1 TONNES	$663.74/TONNE		40.27	0.27	0.14
FEED TRUCKING COSTS	TONNES	$ /TONNE				
OTHER FEED ITEMS	0.3 TONNES	$ /TONNE		23.40	0.16	0.08
TOTAL FEED COSTS				13334.32	89.85	47.95
OTHER CASH COSTS:						
WEANERS	3.1 HEAD	$ 20.00/HEAD		62.67	0.42	0.23
FEEDERS	0.7 HEAD	$ 59.82/HEAD		43.87	0.30	0.16
GILTS	0.2 HEAD	$190.00/HEAD		38.00	0.26	0.14
BOARS	0.4 HEAD	$245.83/HEAD		98.33	0.66	0.35
BEDDING	13.3 TONNES	$ 26.00/TONNE		345.83	2.33	1.24
VET.+MED.,CHEM.+DISINFECT.				182.73	1.23	0.66
MANURE DISPOSAL (IF HIRED)				20.00	0.13	0.07
HIRED LABOUR	HOURS	$ /HOUR				
HOG TRUCKING COSTS				397.18	2.68	1.43
MARKETING & ASSEMBLY CHARG.				571.63	3.85	2.06
TAXES AND INSURANCES				622.39	4.19	2.24
MACH.BLDG.EQP. OPERTNG.+REP				2105.52	14.19	7.57
ACCTNG,PROF.DUES + MISC.				74.53	0.50	0.27
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				799.23	5.39	2.87
OTHER CASH COSTS				5361.93	36.13	19.28
TOTAL CASH COSTS				18696.25	125.99	67.24
NON-CASH COSTS:						
OPERATOR'S LABOUR	1130.9 HOURS	$ 6.50/HOUR		7350.96	49.53	26.44
FAMILY LABOUR	76.7 HOURS	$ 3.25/HOUR		249.38	1.68	0.90
DEPRECIATION (BLDG.+EQUIP.)				2559.07	17.24	9.20
INTEREST ON INVESTMT(15*/*)				3494.92	23.55	12.57
TOTAL NON-CASH COSTS				13654.33	92.01	49.10
TOTAL COSTS				32350.58	218.00	116.34

HEAD HANDLED	296.8	DEATHLOSS o/o	7.2	CWT.LIVE WGHT.	352.1	AVG. DRS. o/o	79.0
DRS.WT.EQ.CWT	278.1	LB.DRS.WT/HOG	169.7	NO. HOG EQU.	163.9	AVERAGE INDEX	100.6
LBS.FD/HOG EQ	1265.6	HOME FEED o/o	80.3	HOG RECPT.o/o	43.6	SOWS	14.2
SOWS/BOAR	10.1	REPLACE GILTS	4.4	PGLTS WND/SOW	13.9	WNG AGE(DAYS)	35.7

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: 200-499 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
291 *MARKET HOGS	495.7	CWT DRS	$ 69.03/CWT	34217.16	108.79	62.19
11 SOWS	35.0	CWT DRS	$ 51.22/CWT	1792.23	5.70	3.26
BOARS	1.4	CWT DRS	$ 58.32/CWT	83.02	0.26	0.15
23 *WEANERS	22.8	HEAD	$ 32.45/HEAD	739.96	2.35	1.34
*FEEDERS	0.4	HEAD	$ 75.00/HEAD	30.00	0.10	0.05
*BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				4102.15	13.04	7.46
INV.CHANGE(SOW,GIL,FDRS,WNR				3233.85	10.28	5.88
OTHER RECEIPTS				99.99	0.32	0.18
TOTAL RETURNS				44298.37	140.84	80.51
FEED COSTS:						
BARLEY	121.4	TONNES	$123.05/TONNE	14935.44	47.49	27.14
OTHER GRAINS	8.3	TONNES	$115.00/TONNE	953.74	3.03	1.73
14 */* DRY SOW RATION	1.7	TONNES	$214.40/TONNE	368.59	1.17	0.67
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	4.3	TONNES	$295.03/TONNE	1263.66	4.02	2.30
17 */* GROWER RATION	2.8	TONNES	$242.87/TONNE	676.55	2.15	1.23
15 */* FINISHER RATION	6.2	TONNES	$221.64/TONNE	1364.76	4.34	2.48
40 */* PROTEIN SUPPLMNT	9.7	TONNES	$398.67/TONNE	3881.65	12.34	7.05
39 */* PROTEIN SUPPLMNT	0.6	TONNES	$443.65/TONNE	267.08	0.85	0.49
/ RAPESEED MEAL		TONNES	$ /TONNE			
47 */* SOYABEAN MEAL	1.5	TONNES	$377.52/TONNE	547.48	1.74	0.99
VIT.+MINERALS+SALT+LIMESTNE	1.2	TONNES	$ /TONNE	538.41	1.71	0.98
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS	5.8	TONNES	$ 5.33/TONNE	30.96	0.10	0.06
OTHER FEED ITEMS	1.5	TONNES	$ /TONNE	126.56	0.40	0.23
TOTAL FEED COSTS				24954.87	79.34	45.35
OTHER CASH COSTS:						
WEANERS	4.8	HEAD	$ 33.49/HEAD	162.08	0.52	0.29
FEEDERS		HEAD	$ /HEAD			
GILTS	0.1	HEAD	$386.67/HEAD	46.40	0.15	0.08
BOARS	0.6	HEAD	$289.06/HEAD	185.00	0.59	0.34
BEDDING	17.4	TONNES	$ 24.40/TONNE	423.71	1.35	0.77
VET.+MED.,CHEM.+DISINFECT.				484.03	1.54	0.88
MANURE DISPOSAL (IF HIRED)				165.76	0.53	0.30
HIRED LABOUR	47.4	HOURS	$ 3.33/HOUR	158.16	0.50	0.29
HOG TRUCKING COSTS				516.91	1.64	0.94
MARKETING & ASSEMBLY CHARG.				1159.44	3.69	2.11
TAXES AND INSURANCES				1760.80	5.60	3.20
MACH.BLDG.EQP. OPERTNG.+REP				4070.57	12.94	7.40
ACCTNG,PROF.DUES + MISC.				266.57	0.85	0.48
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				1535.53	4.88	2.79
OTHER CASH COSTS				10934.96	34.77	19.87
TOTAL CASH COSTS				35889.83	114.11	65.23
NON-CASH COSTS:						
OPERATOR'S LABOUR	1422.2	HOURS	$ 6.50/HOUR	9245.07	29.39	16.80
FAMILY LABOUR	172.3	HOURS	$ 3.27/HOUR	563.42	1.79	1.02
DEPRECIATION (BLDG.+EQUIP.)				4923.32	15.65	8.95
INTEREST ON INVESTMT(15*/*)				6472.69	20.58	11.76
TOTAL NON-CASH COSTS				21204.49	67.42	38.54
TOTAL COSTS				57094.32	181.53	103.76

HEAD HANDLED	605.3	DEATHLOSS o/o	3.8	CWT.LIVE WGHT.	699.7	AVG. DRS. o/o	78.6
DRS.WT.EQ.CWT	550.2	LB.DRS.WT/HOG	170.2	NO. HOG EQU.	323.4	AVERAGE INDEX	101.5
LBS.FD/HOG EQ	1073.4	HOME FEED o/o	81.0	HOG RECPT.o/o	56.5	SOWS	29.2
SOWS/BOAR	14.6	REPLACE GILTS	12.0	PGLTS WND/SOW	14.8	WNG AGE(DAYS)	37.1

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: 500-999 HEAD

			TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:					
732 *MARKET HOGS	1223.4 CWT DRS	$ 70.70/CWT	86500.40	99.10	64.36
20 SOWS	60.7 CWT DRS	$ 51.21/CWT	3109.99	3.56	2.31
1 BOARS	3.8 CWT DRS	$ 61.46/CWT	231.05	0.26	0.17
96 *WEANERS	95.9 HEAD	$ 41.10/HEAD	3942.93	4.52	2.93
45 *FEEDERS	44.9 HEAD	$ 52.08/HEAD	2336.11	2.68	1.74
1 *BREEDING STOCK	0.6 HEAD	$175.00/HEAD	103.70	0.12	0.08
GOVERNMENT SUPPORT PAYMENTS			8740.60	10.01	6.50
INV.CHANGE(SOW,GIL,FDRS,WNR			5778.76	6.62	4.30
OTHER RECEIPTS			320.24	0.37	0.24
TOTAL RETURNS			111063.78	127.24	82.64
FEED COSTS:					
BARLEY	215.0 TONNES	$124.81/TONNE	26832.62	30.74	19.96
OTHER GRAINS	5.8 TONNES	$163.99/TONNE	958.54	1.10	0.71
15 */* DRY SOW RATION	6.6 TONNES	$192.90/TONNE	1280.93	1.47	0.95
16 */* NURSING SOW RATN	0.1 TONNES	$293.77/TONNE	15.01	0.02	0.01
19 */* PRE-STARTER RATN	2.5 TONNES	$267.50/TONNE	674.11	0.77	0.50
18 */* STARTER RATION	18.0 TONNES	$258.74/TONNE	4655.71	5.33	3.46
16 */* GROWER RATION	42.3 TONNES	$210.83/TONNE	8923.63	10.22	6.64
15 */* FINISHER RATION	4.4 TONNES	$193.79/TONNE	856.96	0.98	0.64
40 */* PROTEIN SUPPLMNT	9.8 TONNES	$393.50/TONNE	3873.46	4.44	2.88
37 */* PROTEIN SUPPLMNT	2.0 TONNES	$386.27/TONNE	773.68	0.89	0.58
36 */* RAPESEED MEAL	2.3 TONNES	$230.36/TONNE	529.14	0.61	0.39
42 */* SOYABEAN MEAL	8.4 TONNES	$432.54/TONNE	3623.22	4.15	2.70
VIT.+MINERALS+SALT+LIMESTNE	4.1 TONNES	$ /TONNE	2030.23	2.33	1.51
FEED PROCESSING	TONNES	$239.56/TONNE	239.56	0.27	0.18
FEED TRUCKING COSTS	TONNES	$100.58/TONNE	100.58	0.12	0.07
OTHER FEED ITEMS	2.8 TONNES	$ /TONNE	841.17	0.96	0.63
TOTAL FEED COSTS			56208.56	64.39	41.82
OTHER CASH COSTS:					
WEANERS	12.8 HEAD	$ 29.09/HEAD	372.78	0.43	0.28
FEEDERS	28.4 HEAD	$ 47.34/HEAD	1343.15	1.54	1.00
GILTS	0.5 HEAD	$220.77/HEAD	106.30	0.12	0.08
BOARS	1.8 HEAD	$368.33/HEAD	654.81	0.75	0.49
BEDDING	29.1 TONNES	$ 23.57/TONNE	685.52	0.79	0.51
VET.+MED.,CHEM.+DISINFECT.			880.23	1.01	0.65
MANURE DISPOSAL (IF HIRED)			229.26	0.26	0.17
HIRED LABOUR	262.6 HOURS	$ 6.32/HOUR	1659.86	1.90	1.23
HOG TRUCKING COSTS			813.54	0.93	0.61
MARKETING & ASSEMBLY CHARG.			2341.30	2.68	1.74
TAXES AND INSURANCES			4079.72	4.67	3.04
MACH.BLDG.EQP. OPERTNG.+REP			7029.25	8.05	5.23
ACCTNG,PROF.DUES + MISC.			422.74	0.48	0.31
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)			3422.96	3.92	2.55
OTHER CASH COSTS			24041.41	27.54	17.89
TOTAL CASH COSTS			80249.96	91.94	59.71
NON-CASH COSTS:					
OPERATOR'S LABOUR	1797.7 HOURS	$ 6.50/HOUR	12320.85	14.12	9.17
FAMILY LABOUR	257.3 HOURS	$ 3.89/HOUR	1001.48	1.15	0.75
DEPRECIATION (BLDG.+EQUIP.)			10046.33	11.51	7.47
INTEREST ON INVESTMT(15*/*)			14218.07	16.29	10.58
TOTAL NON-CASH COSTS			37586.73	43.06	27.97
TOTAL COSTS			117836.69	135.00	87.67

HEAD HANDLED	1471.6	DEATHLOSS o/o	3.5	CWT.LIVE WGHT.	1711.5	AVG. DRS. o/o	78.5
DRS.WT.EQ.CWT	1344.0	LB.DRS.WT/HOG	167.2	NO. HOG EQU.	803.6	AVERAGE INDEX	102.6
LBS.FD/HOG EQ	903.9	HOME FEED o/o	56.0	HOG RECPT.o/o	71.2	SOWS	65.7
SOWS/BOAR	17.2	REPLACE GILTS	20.5	PGLTS WND/SOW	15.3	WNG AGE(DAYS)	33.8

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: 1000-1499 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
1184 *MARKET HOGS	1930.9	CWT DRS	$ 69.83/CWT	134838.04	105.47	62.00
25 SOWS	75.3	CWT DRS	$ 48.51/CWT	3654.92	2.86	1.68
3 BOARS	7.7	CWT DRS	$ 78.95/CWT	605.17	0.47	0.28
72 *WEANERS	71.8	HEAD	$ 35.38/HEAD	2540.07	1.99	1.17
3 *FEEDERS	2.9	HEAD	$ 52.60/HEAD	150.29	0.12	0.07
19 *BREEDING STOCK	19.4	HEAD	$162.44/HEAD	3144.29	2.46	1.45
GOVERNMENT SUPPORT PAYMENTS				15213.76	11.90	7.00
INV.CHANGE(SOW,GIL,FDRS,WNR				15146.40	11.85	6.96
OTHER RECEIPTS				190.81	0.15	0.09
TOTAL RETURNS				175483.75	137.27	80.69
FEED COSTS:						
BARLEY	400.6	TONNES	$127.15/TONNE	50933.74	39.84	23.42
OTHER GRAINS	18.3	TONNES	$150.39/TONNE	2747.59	2.15	1.26
25 */* DRY SOW RATION	12.3	TONNES	$249.93/TONNE	3070.57	2.40	1.41
29 */* NURSING SOW RATN	9.9	TONNES	$230.44/TONNE	2282.36	1.79	1.05
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	36.4	TONNES	$331.49/TONNE	12059.98	9.43	5.55
15 */* GROWER RATION	68.0	TONNES	$198.39/TONNE	13490.50	10.55	6.20
/ FINISHER RATION		TONNES	$ /TONNE			
40 */* PROTEIN SUPPLMNT	35.5	TONNES	$382.54/TONNE	13583.48	10.63	6.25
40 */* PROTEIN SUPPLMNT	1.4	TONNES	$553.68/TONNE	800.86	0.63	0.37
38 */* RAPESEED MEAL	1.2	TONNES	$180.00/TONNE	218.57	0.17	0.10
45 */* SOYABEAN MEAL	7.2	TONNES	$346.86/TONNE	2484.50	1.94	1.14
VIT.+MINERALS+SALT+LIMESTNE	2.9	TONNES	$ /TONNE	1228.43	0.96	0.56
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		TONNES	$251.79/TONNE	251.79	0.20	0.12
OTHER FEED ITEMS		TONNES	$ /TONNE	192.14	0.15	0.09
TOTAL FEED COSTS				103344.50	80.84	47.52
OTHER CASH COSTS:						
WEANERS		HEAD	$ /HEAD			
FEEDERS		HEAD	$ /HEAD			
GILTS		HEAD	$ /HEAD			
BOARS	2.4	HEAD	$362.12/HEAD	853.57	0.67	0.39
BEDDING	12.0	TONNES	$ 34.50/TONNE	413.04	0.32	0.19
VET.+MED.,CHEM.+DISINFECT.				2304.70	1.80	1.06
MANURE DISPOSAL (IF HIRED)				580.86	0.45	0.27
HIRED LABOUR	1219.5	HOURS	$ 6.02/HOUR	7337.52	5.74	3.37
HOG TRUCKING COSTS				1301.52	1.02	0.60
MARKETING & ASSEMBLY CHARG.				4264.89	3.34	1.96
TAXES AND INSURANCES				8139.33	6.37	3.74
MACH.BLDG.EQP. OPERTNG.+REP				10210.75	7.99	4.70
ACCTNG,PROF.DUES + MISC.				810.93	0.63	0.37
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				6241.86	4.88	2.87
OTHER CASH COSTS				42458.96	33.21	19.52
TOTAL CASH COSTS				145803.46	114.05	67.05
NON-CASH COSTS:						
OPERATOR'S LABOUR	2011.0	HOURS	$ 6.50/HOUR	13071.62	10.22	6.01
FAMILY LABOUR	533.6	HOURS	$ 3.80/HOUR	2027.25	1.59	0.93
DEPRECIATION (BLDG.+EQUIP.)				17177.79	13.44	7.90
INTEREST ON INVESTMT(15*/*)				21519.42	16.83	9.90
TOTAL NON-CASH COSTS				53796.07	42.08	24.74
TOTAL COSTS				199599.53	156.13	91.78

HEAD HANDLED	2319.3	DEATHLOSS o/o	2.7	CWT.LIVE WGHT.	2762.7	AVG. DRS. o/o	78.7
DRS.WT.EQ.CWT	2174.7	LB.DRS.WT/HOG	163.0	NO. HOG EQU.	1334.0	AVERAGE INDEX	102.8
LBS.FD/HOG EQ	992.3	HOME FEED o/o	37.5	HOG RECPT.o/o	74.9	SOWS	102.1
SOWS/BOAR	15.9	REPLACE GILTS	29.6	PGLTS WND/SOW	16.4	WNG AGE(DAYS)	32.1

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: 1500-2499 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
1860 *MARKET HOGS	3041.1	CWT DRS	$ 69.57/CWT	211573.26	103.31	62.12
39 SOWS	120.0	CWT DRS	$ 45.44/CWT	5453.64	2.66	1.60
4 BOARS	10.4	CWT DRS	$ 59.17/CWT	615.09	0.30	0.18
154 *WEANERS	154.2	HEAD	$ 40.07/HEAD	6180.38	3.02	1.81
17 *FEEDERS	16.6	HEAD	$ 33.82/HEAD	561.92	0.27	0.16
17 *BREEDING STOCK	16.9	HEAD	$168.18/HEAD	2846.15	1.39	0.84
GOVERNMENT SUPPORT PAYMENTS				22693.23	11.08	6.66
INV.CHANGE(SOW,GIL,FDRS,WNR				20146.62	9.84	5.92
OTHER RECEIPTS				1037.79	0.51	0.30
TOTAL RETURNS==========				271108.09	132.38	79.61
FEED COSTS:						
BARLEY	577.3	TONNES	$122.85/TONNE	70916.24	34.63	20.82
OTHER GRAINS	73.8	TONNES	$158.87/TONNE	11722.17	5.72	3.44
15 */* DRY SOW RATION	12.6	TONNES	$200.00/TONNE	2526.92	1.23	0.74
15 */* NURSING SOW RATN	8.6	TONNES	$234.03/TONNE	2016.23	0.98	0.59
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	35.7	TONNES	$327.00/TONNE	11663.50	5.70	3.42
16 */* GROWER RATION	14.2	TONNES	$190.00/TONNE	2692.31	1.31	0.79
14 */* FINISHER RATION	23.8	TONNES	$175.00/TONNE	4158.46	2.03	1.22
40 */* PROTEIN SUPPLMNT	15.3	TONNES	$395.76/TONNE	6047.15	2.95	1.78
35 */* PROTEIN SUPPLMNT	0.4	TONNES	$442.22/TONNE	171.45	0.08	0.05
/ RAPESEED MEAL		TONNES	$ /TONNE			
28 */* SOYABEAN MEAL	43.5	TONNES	$338.93/TONNE	14757.72	7.21	4.33
VIT.+MINERALS+SALT+LIMESTNE	20.7	TONNES	$ /TONNE	11201.03	5.47	3.29
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		TONNES	$ /TONNE			
OTHER FEED ITEMS	9.8	TONNES	$ /TONNE	2397.98	1.17	0.70
TOTAL FEED COSTS----------				140271.16	68.49	41.19
OTHER CASH COSTS:						
WEANERS	84.6	HEAD	$ 37.00/HEAD	3130.77	1.53	0.92
FEEDERS		HEAD	$ /HEAD			
GILTS	0.9	HEAD	$266.67/HEAD	246.15	0.12	0.07
BOARS	3.1	HEAD	$396.60/HEAD	1220.31	0.60	0.36
BEDDING	18.2	TONNES	$ 28.80/TONNE	524.92	0.26	0.15
VET.+MED.,CHEM.+DISINFECT.				2513.74	1.23	0.74
MANURE DISPOSAL (IF HIRED)						
HIRED LABOUR	678.2	HOURS	$ 8.31/HOUR	5635.34	2.75	1.65
HOG TRUCKING COSTS				1818.83	0.89	0.53
MARKETING & ASSEMBLY CHARG.				6290.78	3.07	1.85
TAXES AND INSURANCES				11927.19	5.82	3.50
MACH.BLDG.EQP. OPERTNG.+REP				13603.30	6.64	3.99
ACCTNG,PROF.DUES + MISC.				1326.44	0.65	0.39
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				8416.91	4.11	2.47
OTHER CASH COSTS----------				56654.70	27.66	16.64
TOTAL CASH COSTS				196925.86	96.16	57.82
NON-CASH COSTS:						
OPERATOR'S LABOUR	2402.0	HOURS	$ 6.50/HOUR	15113.00	7.38	4.44
FAMILY LABOUR	1061.3	HOURS	$ 4.65/HOUR	4933.50	2.41	1.45
DEPRECIATION (BLDG.+EQUIP.)				21535.30	10.52	6.32
INTEREST ON INVESTMT(15*/*)				29070.06	14.19	8.54
TOTAL NON-CASH COSTS				70651.86	34.50	20.75
TOTAL COSTS==========				267577.72	130.66	78.57

HEAD HANDLED	3642.6	DEATHLOSS o/o	7.6	CWT.LIVE WGHT.	4291.4	AVG. DRS. o/o	79.4
DRS.WT.EQ.CWT	3405.6	LB.DRS.WT/HOG	163.5	NO. HOG EQU.	2083.1	AVERAGE INDEX	102.2
LBS.FD/HOG EQ	898.8	HOME FEED o/o	47.9	HOG RECPT.o/o	71.8	SOWS	143.6
SOWS/BOAR	14.9	REPLACE GILTS	42.9	PGLTS WNR/SOW	17.3	WNG AGE(DAYS)	27.1

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FARROW-FINISH FOR: ≥2500 HEAD

				TOTAL	PER HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
3987	*MARKET HOGS	6665.2 CWT DRS	$ 70.29/CWT	468491.66	116.36	67.60
60	SOWS	172.4 CWT DRS	$ 48.80/CWT	8412.62	2.09	1.21
7	BOARS	20.0 CWT DRS	$ 67.38/CWT	1349.37	0.34	0.19
39	*WEANERS	38.7 HEAD	$ 44.31/HEAD	1713.33	0.43	0.25
	*FEEDERS	HEAD	$ /HEAD			
1	*BREEDING STOCK	0.7 HEAD	$129.82/HEAD	95.20	0.02	0.01
GOVERNMENT SUPPORT PAYMENTS				46440.65	11.53	6.70
INV.CHANGE(SOW,GIL,FDRS,WNR				16770.08	4.17	2.42
OTHER RECEIPTS				4014.26	1.00	0.58
TOTAL RETURNS				547287.18	135.93	78.96
FEED COSTS:						
BARLEY		1003.9 TONNES	$125.20/TONNE	125691.63	31.22	18.14
OTHER GRAINS		69.5 TONNES	$150.93/TONNE	10483.40	2.60	1.51
26	*/* DRY SOW RATION	27.3 TONNES	$209.63/TONNE	5718.55	1.42	0.83
	/ NURSING SOW RATN	TONNES	$ /TONNE			
18	*/* PRE-STARTER RATN	6.9 TONNES	$295.06/TONNE	2027.64	0.50	0.29
18	*/* STARTER RATION	141.0 TONNES	$296.10/TONNE	41757.76	10.37	6.02
24	*/* GROWER RATION	114.6 TONNES	$209.45/TONNE	24012.84	5.96	3.46
	/ FINISHER RATION	TONNES	$ /TONNE			
40	*/* PROTEIN SUPPLMNT	37.9 TONNES	$387.73/TONNE	14683.93	3.65	2.12
35	*/* PROTEIN SUPPLMNT	3.3 TONNES	$350.00/TONNE	1166.67	0.29	0.17
37	*/* RAPESEED MEAL	2.6 TONNES	$197.24/TONNE	515.05	0.13	0.07
45	*/* SOYABEAN MEAL	66.7 TONNES	$331.84/TONNE	22124.99	5.50	3.19
VIT.+MINERALS+SALT+LIMESTNE		15.0 TONNES	$ /TONNE	7604.38	1.89	1.10
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		10.5 TONNES	$ 27.59/TONNE	288.73	0.07	0.04
OTHER FEED ITEMS		2.1 TONNES	$ /TONNE	727.99	0.18	0.11
	TOTAL FEED COSTS			256803.55	63.78	37.05
OTHER CASH COSTS:						
WEANERS		158.9 HEAD	$ 1.06/HEAD	168.03	0.04	0.02
FEEDERS		HEAD	$ /HEAD			
GILTS		.7 HEAD	$175.00/HEAD	128.33	0.03	0.02
BOARS		.3 HEAD	$446.86/HEAD	3247.20	0.81	0.47
BEDDING		.7 TONNES	$ 34.33/TONNE	298.00	0.07	0.04
VET.+MED.,CHEM.+DISINFECT.				7128.79	1.77	1.03
MANURE DISPOSAL (IF HIRED)						
HIRED LABOUR		531.3 HOURS	$ 6.11/HOUR	3245.23	0.81	0.47
HOG TRUCKING COSTS				5177.71	1.29	0.75
MARKETING & ASSEMBLY CHARG.				13582.46	3.37	1.96
TAXES AND INSURANCES				16832.15	4.18	2.43
MACH.BLDG.EQP. OPERTNG.+REP				19347.40	4.81	2.79
ACCTNG,PROF.DUES + MISC.				1236.30	0.31	0.18
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				14571.88	3.62	2.10
	OTHER CASH COSTS			84963.49	21.10	12.26
	TOTAL CASH COSTS			341767.04	84.88	49.31
NON-CASH COSTS:						
OPERATOR'S LABOUR		2866.8 HOURS	$ 6.50/HOUR	18634.49	4.63	2.69
FAMILY LABOUR		3623.0 HOURS	$ 6.27/HOUR	22727.29	5.64	3.28
DEPRECIATION (BLDG.+EQUIP.)				41954.68	10.42	6.05
INTEREST ON INVESTMT(15*/*)				52235.52	12.97	7.54
	TOTAL NON-CASH COSTS			135551.97	33.67	19.56
TOTAL COSTS				477319.01	118.55	68.87

HEAD HANDLED	6647.3	DEATHLOSS o/o	3.3	CWT.LIVE WGHT.	8743.8	AVG. DRS. o/o	79.3
DRS.WT.EQ.CWT	6930.8	LB.DRS.WT/HOG	167.2	NO. HOG EQU.	4145.8	AVERAGE INDEX	102.7
LBS.FD/HOG EQ	807.0	HOME FEED o/o	59.0	HOG RECPT.o/o	50.3	SOWS	247.7
SOWS/BOAR	16.7	REPLACE GILTS	67.9	PGLTS WND/SOW	16.9	WNG AGE(DAYS)	26.9

POOR

QUALITY

ORIGINAL